

05349075

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

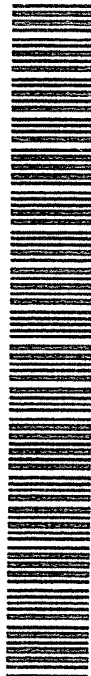
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO.
 C6349075

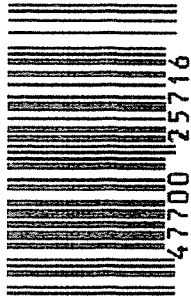
ORDER NO.
 5716

01



5716 C6349075

UPC



0 47700 25716 7

69

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: **RE00087629** Serial: C6349075 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/8/2004 1:43:27 PM

Address Information

Customer: ☒ Received From Return To ☐ Received From

Name: **DOL MATERIAL CONTROL BRANCH** **DOL MATERIAL CONTROL BRANCH**

Address 1: **HQS 3D INF DIV M AND FT STEWART** **HQS 3D INF DIV M AND FT STEWART**

Address 2: **1624 W 6TH ST BLDG 2916** PO Box: **1624 W 5TH ST BLDG 2916** PO Box:

City: **FORT STEWART** **FORT STEWART**

State: **GA** Zip Code: **31314** Country: **US** State: **GA** Zip Code: **31314** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	FRT AND R SGT BAS	1

Repair Search **Refresh** **Close**

neglrf 11/8/2004 2:39 PM CAPS NUM INS SCPL

start 2 4 Arms Serv

Serial Number: **C6349075**

Model: **M24 SWS**



RE00087629

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349075.__0
FILE DATE AND TIME: 12/08/2004 07:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	-0.161
The Average Point of Impact of the Five Target Set:	0.191
The Average Mean Radius of the Five Target Set:	0.715
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.139
The Distance from Centroid Target #3 to Centroid Target #1:	0.117
The Distance from Centroid Target #4 to Centroid Target #1:	0.178
The Distance from Centroid Target #5 to Centroid Target #1:	0.121

SERIAL NUMBER: C6349075. 0

TARGET NUMBER: 1

FILE DATE: 12/08/2004

FILE TIME: 07:58

X CENTROID: -0.016

Y CENTROID: -0.178

POA TO CENTROID: 0.178

HORZ SPREAD: 1.687

VERT SPREAD: 2.320

GROUP SPREAD: 2.374

MIN RADIUS: 0.071

MAX RADIUS: 1.340

MEAN RADIUS: 0.728

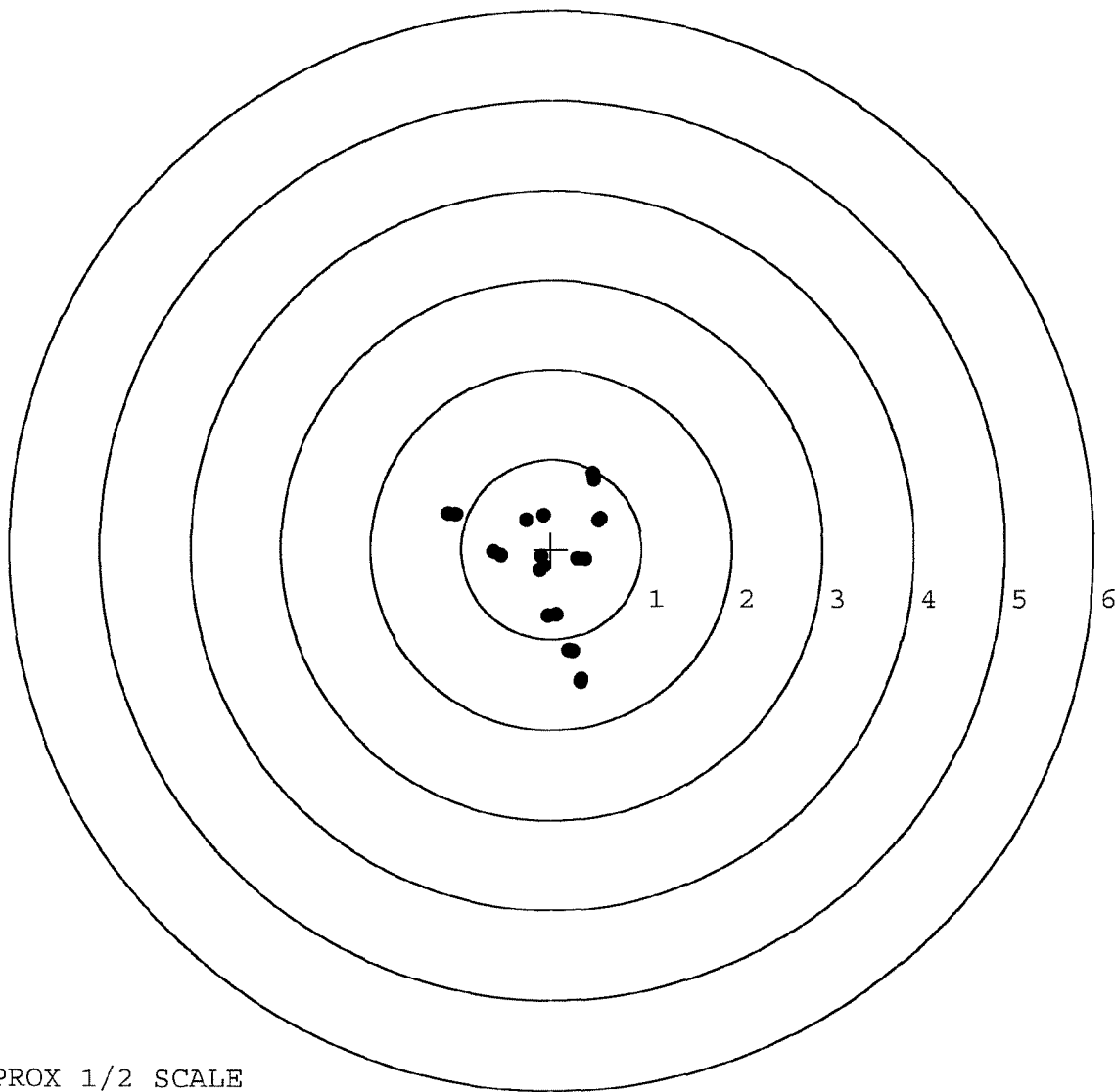
IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 15

in 3 IN DIAMETER: 21

POINT#	X	Y
1:	0.328	-1.473
2:	0.244	-1.134
3:	0.056	-0.737
4:	0.374	-0.107
5:	-0.083	-0.200
6:	0.544	0.346
7:	0.469	0.778
8:	-0.092	0.377
9:	-0.555	-0.072
10:	-1.066	0.383
11:	-0.113	-0.081
12:	0.335	-1.442
13:	0.196	-1.133
14:	-0.046	-0.748

POINT#	X	Y
15:	-0.128	-0.240
16:	0.292	-0.103
17:	0.524	0.326
18:	-0.283	0.324
19:	0.457	0.847
20:	-1.143	0.390
21:	-0.639	-0.033



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349075. __0

TARGET NUMBER: 2

FILE DATE: 12/08/2004

FILE TIME: 07:58

X CENTROID: -0.129

Y CENTROID: -0.098

POA TO CENTROID: 0.162

HORZ SPREAD: 1.691

VERT SPREAD: 1.405

GROUP SPREAD: 1.772

MIN RADIUS: 0.157

MAX RADIUS: 1.083

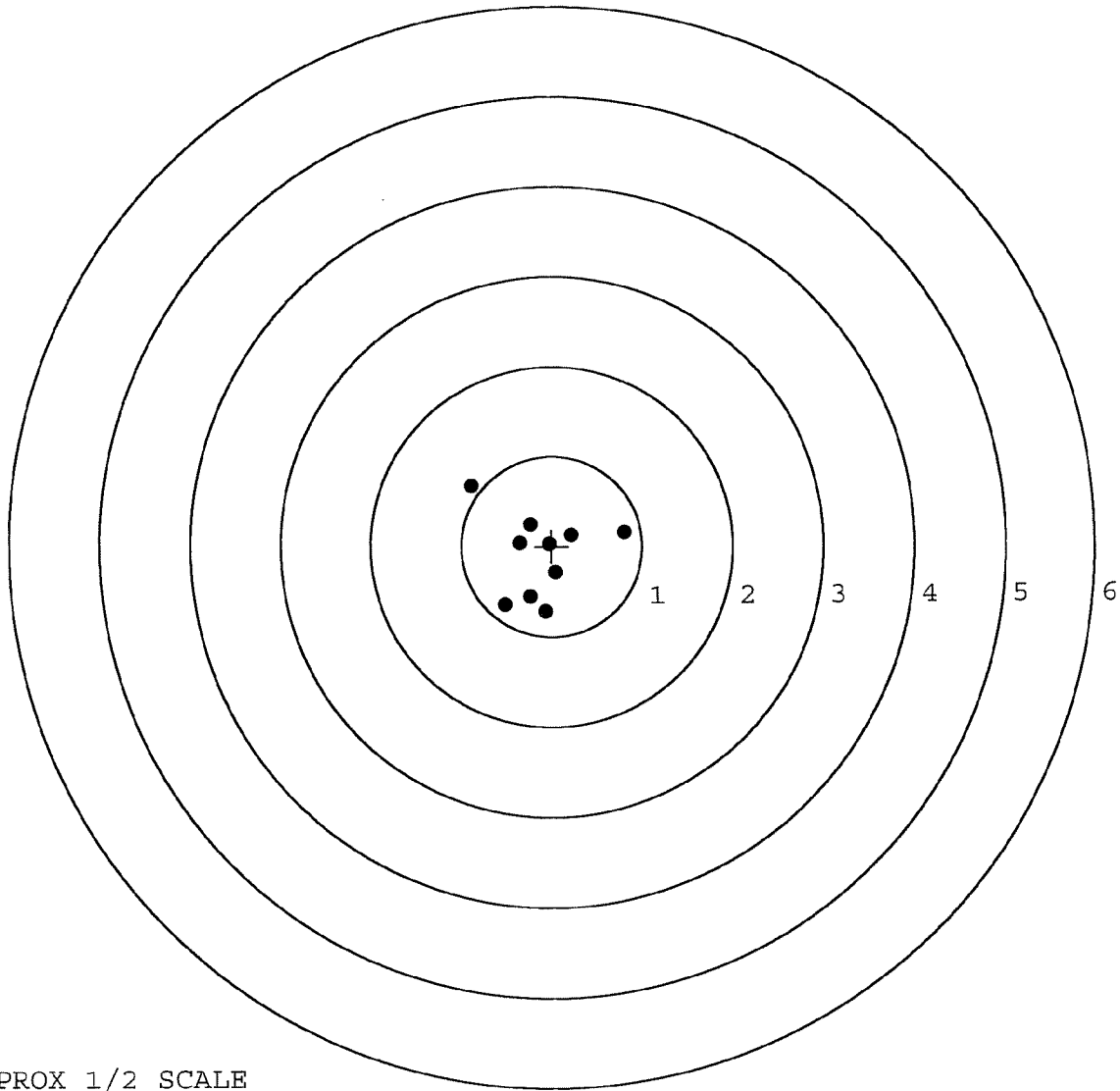
MEAN RADIUS: 0.529

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.806	0.149
2:	-0.078	-0.727
3:	-0.246	-0.562
4:	-0.524	-0.651
5:	-0.885	0.678
6:	0.041	-0.297
7:	0.217	0.124
8:	-0.237	0.246
9:	-0.355	0.037
10:	-0.030	0.024



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349075. __0

TARGET NUMBER: 3

FILE DATE: 12/08/2004

FILE TIME: 07:58

X CENTROID: -0.132

Y CENTROID: -0.171

POA TO CENTROID: 0.216

HORZ SPREAD: 2.112

VERT SPREAD: 1.781

GROUP SPREAD: 2.572

MIN RADIUS: 0.278

MAX RADIUS: 1.727

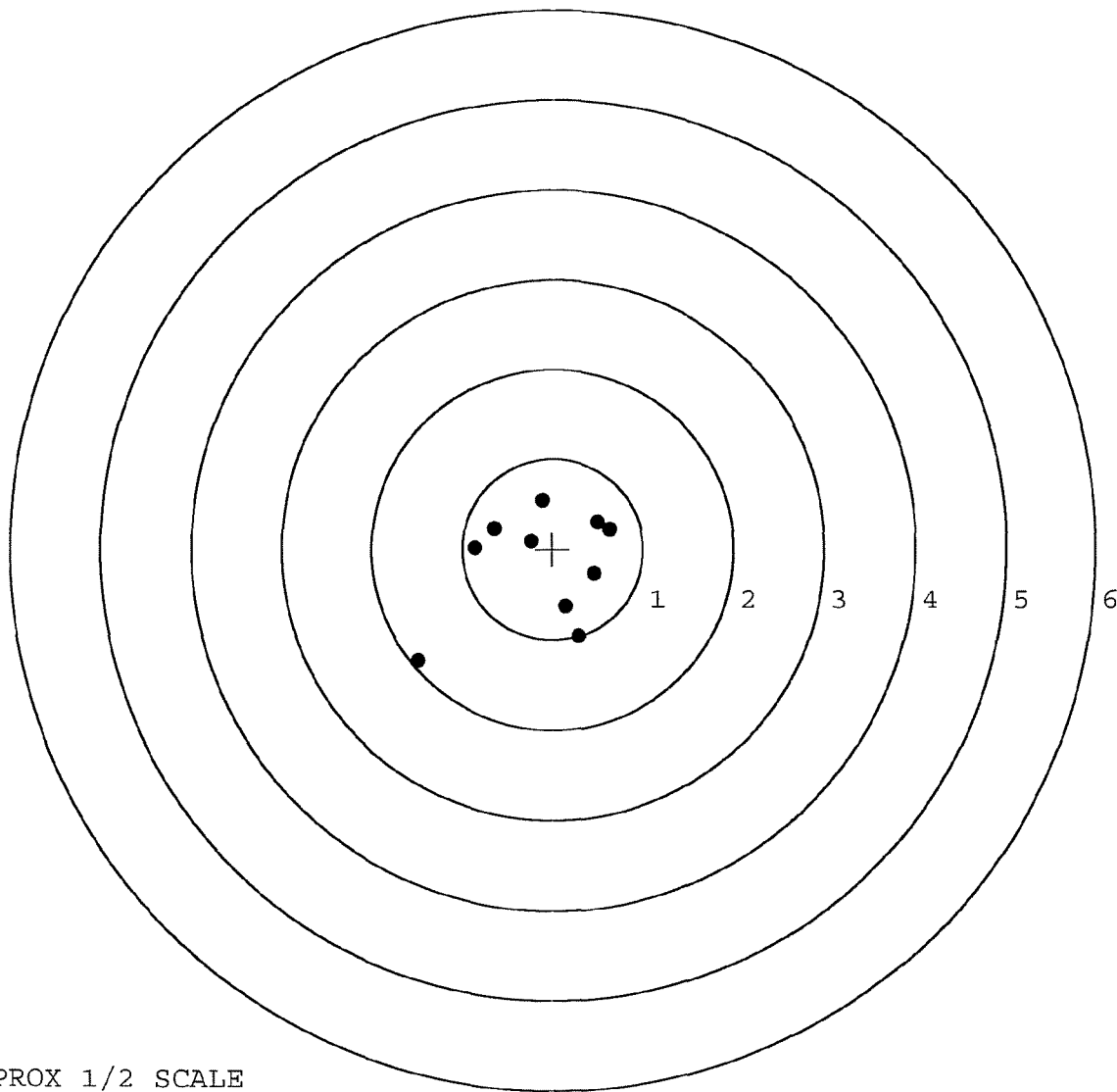
MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.289	-0.962
2:	0.146	-0.637
3:	0.461	-0.269
4:	0.627	0.223
5:	0.495	0.305
6:	-0.114	0.537
7:	-0.236	0.087
8:	-0.649	0.233
9:	-0.858	0.018
10:	-1.485	-1.244



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349075. 0

TARGET NUMBER: 4

FILE DATE: 12/08/2004

FILE TIME: 07:58

X CENTROID: -0.159

Y CENTROID: -0.283

POA TO CENTROID: 0.324

HORZ SPREAD: 2.327

VERT SPREAD: 1.914

GROUP SPREAD: 2.533

MIN RADIUS: 0.133

MAX RADIUS: 1.529

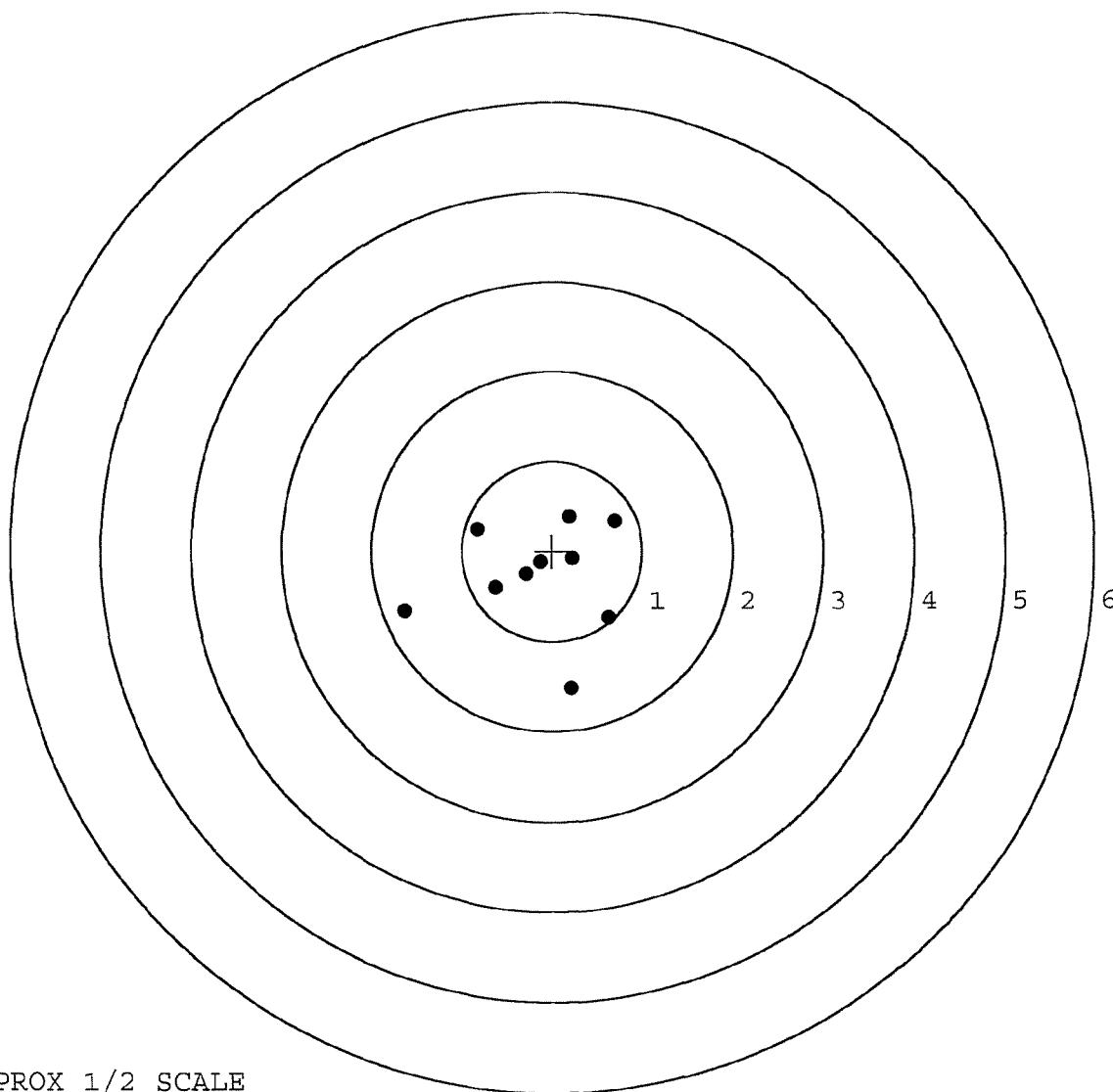
MEAN RADIUS: 0.761

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.209	-1.530
2:	0.620	-0.739
3:	0.687	0.336
4:	0.188	0.384
5:	0.225	-0.082
6:	-0.129	-0.121
7:	-0.290	-0.257
8:	-0.629	-0.402
9:	-0.832	0.249
10:	-1.640	-0.665



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349075. __0

TARGET NUMBER: 5

FILE DATE: 12/08/2004

FILE TIME: 07:58

POINT#	X	Y
1:	0.808	0.435
2:	0.462	-0.161
3:	0.266	-0.345
4:	-0.266	-0.420
5:	-0.631	-0.677
6:	-0.706	-1.713
7:	-0.115	0.235
8:	0.127	0.895
9:	-0.019	0.630
10:	-0.737	0.360

X CENTROID: -0.081

Y CENTROID: -0.076

POA TO CENTROID: 0.111

HORZ SPREAD: 1.545

VERT SPREAD: 2.608

GROUP SPREAD: 2.738

MIN RADIUS: 0.313

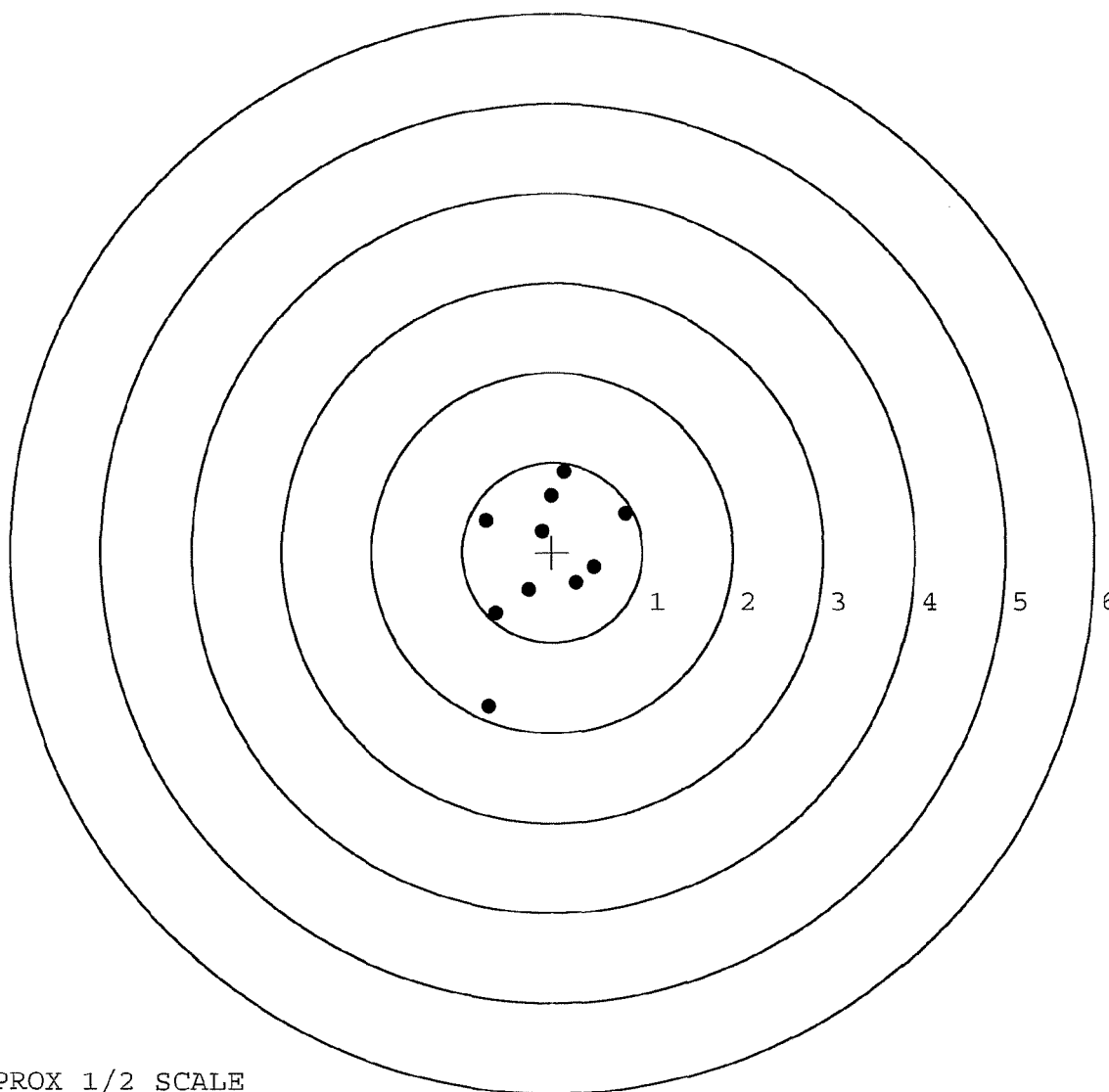
MAX RADIUS: 1.752

MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL # C 6349075 INSPECTED BY: ACDATE REC'D: 11-8-04 DATE RET'D: 12-9-04

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	87624		Supp. #4365
SERIAL NUMBER	C6349075		
LOG-IN DATE	11-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-12-04	RTZ
560 A	RE-BARREL	11-16-04	RTZ
B	DRILL AND TAP		
575	ASSEMBLE	11-16-04	RTZ
600	PROOF	11-16-04	RTZ
605	CHECK HEADSPACE	11-16-04	RTZ
610	DIS-ASSEMBLE GUN	11-17-04	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12/1/04	RTZ
625 A	FINAL ASSEMBLY	12-6-04	RTZ
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-8-04	TRW
655	FINAL INSPECT	12-9-04	AC
660	PACK	12/9/04	RTZ
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0107274

COMMENTS

M24 SNIPER

INITIAL JJM	CUSTOMER ORDER NO. 4667					ORDER 90-33442
DATE RECEIVED 12/18/90	DATE OPENED 12/20/90	DATE CODE	SERIAL NUMBER C6349075	MODEL AND GRADE 700 7.62 NATO		
ACCESSORIES W/STUDS		SCOPE BASE				

FROM:

SAYER, GARY
U S ARMY
FORT DRUM NY 13612

SHIP TO:

SAYER, GARY
U S ARMY
FORT DRUM NY 13612

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA DOOR
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☒ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

Examine for pitting in bore

MAIN FAULT

Bore Scoped - Surface Finish In Barrel Is Typical Of Method Of Manufacture

MARTIN
12-30-90

PARTS						
No Charge						
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE	

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0107274

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349075

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	50	RW
600	Proof	4 12	90	E
607	Check Headspace	4 12	90	A
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	FB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/11/90	SL

BARBER - M24 0107276							
op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	5	5	5		5/11/90	QC
	G) Safety Off Force	3	3	3		5/11/90	QC
	H) Trigger Pull Test & Retainability					5/11/90	QC
	I) Firing Pin Indent	.020	.020	.020		5/11/90	QC
	J) Assemble Stock					5/15/90	RW
	K) Assemble Swivel Studs					5/15/90	DB
	L) Attach Front and Rear Sight Assemblies					5/15/90	RW
	M) Iron Sight Alignment					5/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container					5/15/90	RW
	O) Attach Scope to Rifle					5/15/90	QC
	P) Detach & Attach Scope 20 Times					5/15/90	QC
640	Gallery Target & Test					5-15-90	DB
	A) Time					5-15-90	DB
	B) Malfunctions					5-15-90	DB
	C) Pierced Primers					5-15-90	DB
	D) Optical Clarity of Scope					5-15-90	DB
645	Inspect for Live Ammo					5-15-90	DB
655	Final Inspection					25 May 90	DB
	A) Headspace					25 May 90	DB
	B) Trigger Pull	2.50	2.69	2.69	2.74	2.77	5/21/90
	C) Function					25 May 90	DB
660	Pack					6-19-90	DB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 66349075

DATE 5/11/90

TESTER gfl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.32	2.30	2.50	MIN. SETTING,
PULL #2	2.41	2.32	2.33	2.69	NO AVG. OF 5
PULL #3	2.34	2.06	2.23	1.69	READINGS ACCEPT-
PULL #4	2.27	2.33	2.40	2.74	ABLE LESS THAN 2#
PULL #5	2.41	2.16	2.31	2.77	
TOTAL	11.93	11.19	11.57		
AVG.	2.386	2.238	2.314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.43		
PULL #2	3.50	3.43		
PULL #3	3.48	3.40		
PULL #4	3.53	3.41		
PULL #5	3.45	3.42		
TOTAL	17.44	17.09		
AVG.	3.488	3.418		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.33		4.27
PULL #2	4.31	4.24		4.26
PULL #3	4.29	4.26		4.22
PULL #4	4.22	4.23		4.22
PULL #5	4.28	4.23		4.21
TOTAL	21.56	21.29		21.18
AVG.	4.312	4.258		4.236

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6949875
16 MAR 1998

CENTROIDAL DISTANCES

0 TO	1	.281556
1 TO	2	.355563
1 TO	3	.0752928
1 TO	4	.548151
1 TO	5	.137379

$\frac{0}{1}$
4

(---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.147
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0346
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151017
THE AMR FOR THIS RIFLE IS: .892

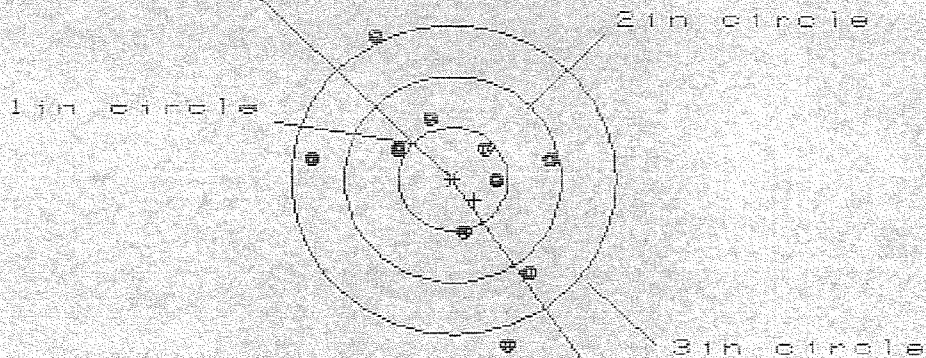
15 May 1998

FILE: PATTERNING/CENTERFIRE_PATT/08349075

CENTERFIRE PATTERNS

1

POR



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.253

VS= 3.029

GS= 3.269

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.931	.984	.896
MINIMUM X	-1.322	-1.269	-1.357
MAXIMUM Y	1.431	1.253	.544
MINIMUM Y	-1.598	-1.102	-.945
CENTROID X	-.193	-.246	-.158
CENTROID Y	.205	.383	.226
POR TO CENTROID in.	.282	.455	.276
MIN RADIUS	.377	.426	.342
MEAN RADIUS	.938	.842	.756
MAX RADIUS	1.667	1.436	1.370
HORIZONTAL SPREAD	2.253	2.253	2.253
VERTICAL SPREAD	3.029	2.355	1.489
EXTREME SPREAD	3.269	2.759	2.306
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349075

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 1.869

VS = 2.256

GS = 2.329

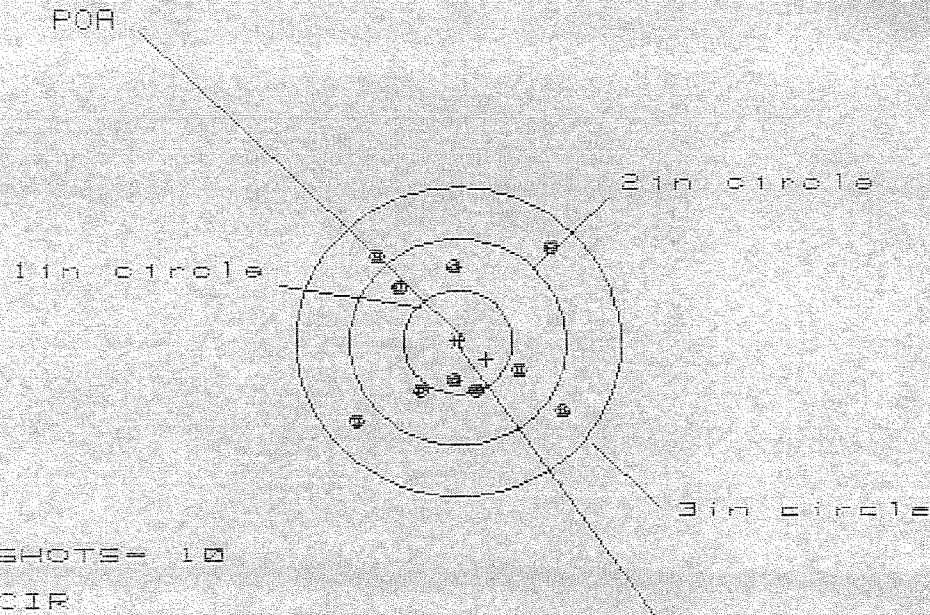
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.151	1.090	1.119
MINIMUM X	:	-.718	-.590	-.561
MAXIMUM Y	:	1.212	1.163	.642
MINIMUM Y	:	-1.044	-1.093	-.947
CENTROID X	:	-.125	-.253	-.282
CENTROID Y	:	-.144	-.095	-.241
POA TO CENTROID in.	:	.191	.270	.371
MIN RADIUS	:	.378	.254	.244
MEAN RADIUS	:	.858	.785	.725
MAX RADIUS	:	1.231	1.186	1.254
HORIZONTAL SPREAD	:	1.869	1.680	1.680
VERTICAL SPREAD	:	2.256	2.256	1.589
EXTREME SPREAD	:	2.329	2.329	2.087
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349075

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.897

VS= 1.676

GS= 2.474

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.921	1.021	.919
MINIMUM X	:	-.916	-.816	-.732
MAXIMUM Y	:	.935	.940	.860
MINIMUM Y	:	-.741	-.637	-.651
CENTROID X	:	-.258	-.358	-.257
CENTROID Y	:	.167	.063	.143
POA TO CENTROID in.	:	.307	.364	.293
MIN RADIUS	:	.390	.306	.366
MEAN RADIUS	:	.840	.769	.736
MAX RADIUS	:	1.301	1.170	1.129
HORIZONTAL SPREAD	:	1.837	1.837	1.651
VERTICAL SPREAD	:	1.676	1.577	1.511
EXTREME SPREAD	:	2.474	2.238	2.238
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1998

FILE: PATTERNING/CENTERFIRE_PATT/C6349075

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.018

VS= 2.229

GS= 2.500

CENTROID #

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.040	.973	.962
MINIMUM X	-.978	-1.045	-.923
MAXIMUM Y	.664	.490	.431
MINIMUM Y	-1.565	-.495	-.554
CENTROID X	-.083	-.016	-.138
CENTROID Y	-.332	-.158	-.099
POA TO CENTROID in.	.342	.159	.170
MIN RADIUS	.276	.118	.075
MEAN RADIUS	.865	.729	.670
MAX RADIUS	1.676	1.156	1.077
HORIZONTAL SPREAD	2.018	2.018	1.885
VERTICAL SPREAD	2.229	.985	.985
EXTREME SPREAD	2.500	2.027	1.905
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

15 May 1990

FILE: PATTERN INC CENTERFIRE PATT/05349075

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.390

VS= 2.082

GS= 2.566

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.044	.895	.936
MINIMUM X	:	-1.345	-1.160	-1.048
MAXIMUM Y	:	1.047	1.138	1.247
MINIMUM Y	:	-1.035	-.944	-.836
CENTROID X	:	-.076	.073	-.039
CENTROID Y	:	.277	.186	.078
POB TO CENTROID in.	:	.288	.200	.087
MIN RADIUS	:	.116	.063	.171
MEAN RADIUS	:	.959	.851	.810
MAX RADIUS	:	1.575	1.249	1.270
HORIZONTAL SPREAD	:	2.390	2.055	1.984
VERTICAL SPREAD	:	2.082	2.082	2.082
EXTREME SPREAD	:	2.566	2.454	2.263
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-14756

INITIAL JJM	CUSTOMER ORDER NO.	M-24 SNIPER W/BI-POD & DEPLOYMENT KIT				
DATE RECEIVED 05/15/95	DATE OPENED 05/15/95	DATE CODE CK 4-90	SERIAL NUMBER C6349075	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES HARD CASE						

FROM:

SHIP TO:

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY 13602

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY 13602

CUST NO: 098433 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN 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
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.	New Barrel	B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS
Barrel 1 - 96003	Repowder Coat Trigger Guard Assy. Front & Rear Sight Bases Reticle Scope Base & Swivel Studs
W52H095137 #227	
REPAIRMAN RW	PROOF C
GALLERY TESTER RW	CLEAN C
	TEST C
	TARGET C
	PATTERN
	DATE 5/30/95
	DATE 6/3/95
	DATE 6/5/95
	DATE 6/5/95

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 010728107323

Final Inspection

Sn: C6349075

DATE REC'D 5/15/95

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-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:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL #

C6349075

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		5/30/95	RW
600	Proof		5/30/95	RW
607	Check Headspace		5/30/95	RW
610	Dis-assemble Gun		5/30/95	RW
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		6/3/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/3/95	RW
	C) Inspect Ejector Hole for Chamfer		6/3/95	RW
	D) Oil Firing Pin Ass'y		6/3/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			RW

op. #	BARBER - M24 0107287 OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force						
	G) Safety Off Force						
	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					6/5/95	RW
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					6/5/95	RW
655	Final Inspection						
	A) Headspace					6/5/95	RW
	B) Trigger Pull						
	C) Function					6/9/95	RW
660	Pack						

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349075
11 Jul 1995

CENTROIDAL DISTANCES

0 TO	1	.0918841
1 TO	2	.23471
1 TO	3	.46457
1 TO	4	.493077
1 TO	5	.086977

$\bar{x} = \frac{1}{n} \sum_{i=1}^n x_i$ (----POI)

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .007
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0445533
THE AMR FOR THIS RIFLE IS: 1.115

11 Jul 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8349075

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HE = 2.557

VS = 3.322

GS = 3.853

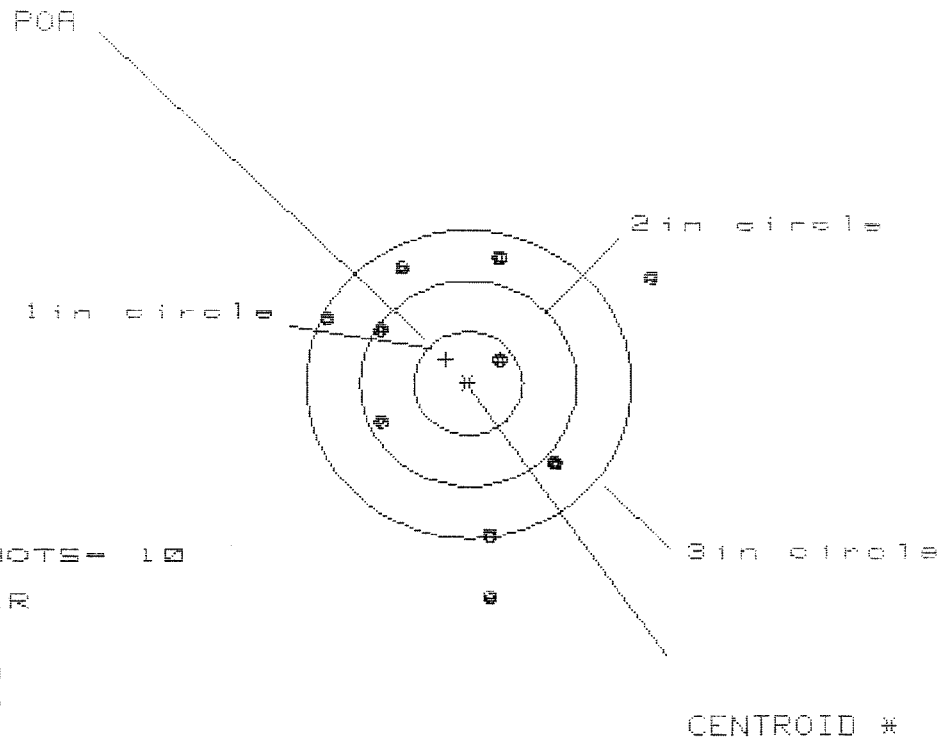
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.169	1.015	1.066
MINIMUM X	-1.388	-.796	-.745
MAXIMUM Y	1.648	.898	.712
MINIMUM Y	-1.674	-1.491	-.805
CENTROID X	.072	.226	.175
CENTROID Y	-.039	-.222	-.035
POA TO CENTROID in.	.082	.317	.179
MIN RADIUS	.411	.638	.475
MEAN RADIUS	1.000	.891	.770
MAX RADIUS	2.154	1.546	1.178
HORIZONTAL SPREAD	2.557	1.811	1.811
VERTICAL SPREAD	3.322	2.389	1.517
EXTREME SPREAD	3.853	2.428	1.834
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 3.005

VS= 3.314

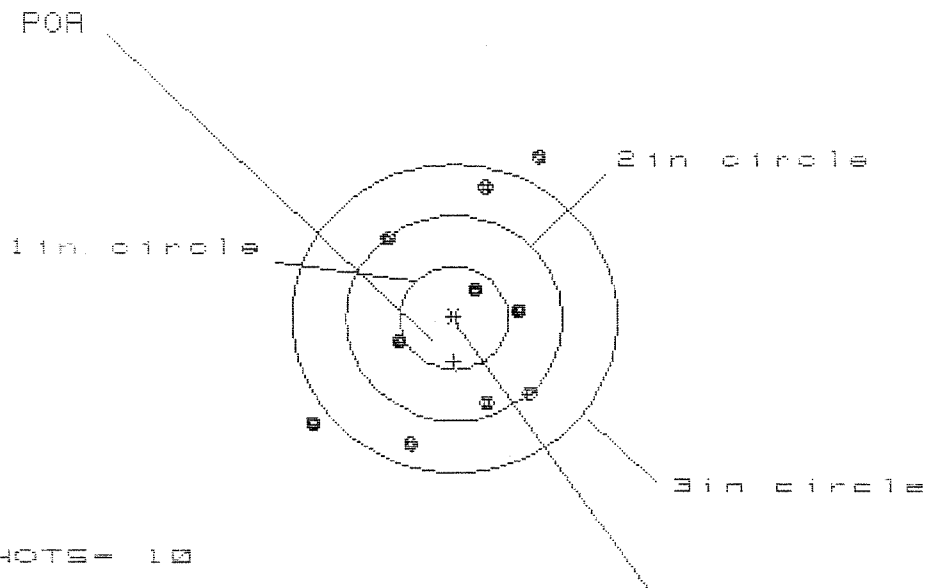
GS= 3.446

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.726	1.745	1.065
MINIMUM X	:	-1.279	-1.260	-1.042
MAXIMUM Y	:	1.262	1.034	1.133
MINIMUM Y	:	-2.052	-1.721	-1.621
CENTROID X	:	.207	.188	-.030
CENTROID Y	:	-.231	-.003	-.103
POA TO CENTROID in.	:	.310	.188	.107
MIN RADIUS	:	.348	.315	.534
MEAN RADIUS	:	1.287	1.173	1.062
MAX RADIUS	:	2.059	1.918	1.685
HORIZONTAL SPREAD	:	3.005	3.005	2.107
VERTICAL SPREAD	:	3.314	2.755	2.755
EXTREME SPREAD	:	3.446	3.028	2.755
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.142

VS= 2.779

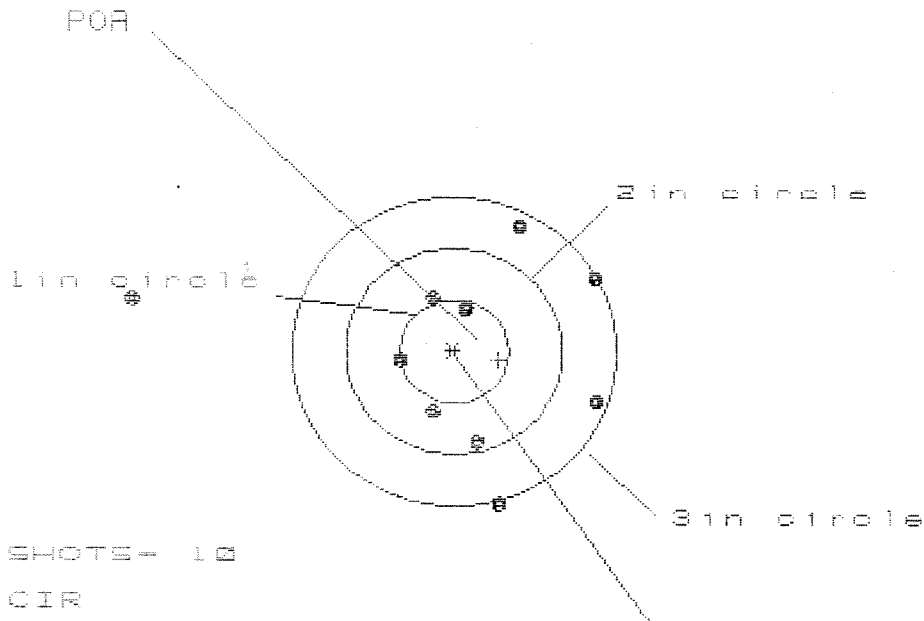
GS= 3.423

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.809
MINIMUM X	-1.333
MAXIMUM Y	1.605
MINIMUM Y	-1.174
CENTROID X	.007
CENTROID Y	.421
POA TO CENTROID in.	.421
MIN RADIUS	.346
MEAN RADIUS	1.049
MAX RADIUS	1.798
HORIZONTAL SPREAD	2.142
VERTICAL SPREAD	2.779
EXTREME SPREAD	3.423
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 4.295

VS = 2.734

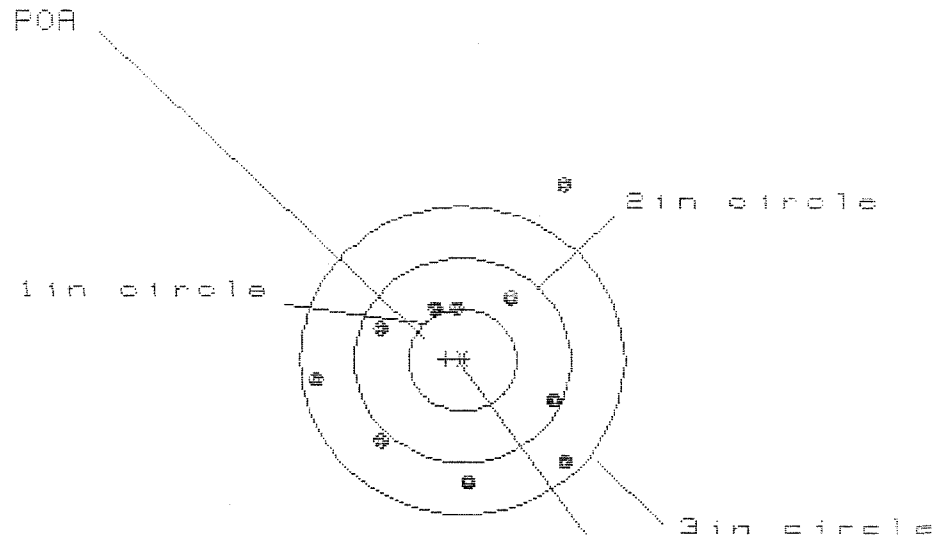
GS = 4.425

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.309	.977	.990
MINIMUM X	-2.986	-.855	-.842
MAXIMUM Y	1.258	1.320	1.143
MINIMUM Y	-1.476	-1.414	-.997
CENTROID X	-.406	-.074	-.087
CENTROID Y	.082	.020	.197
POA TO CENTROID in.	.414	.076	.215
MIN RADIUS	.432	.542	.384
MEAN RADIUS	1.186	.979	.904
MAX RADIUS	3.038	1.418	1.168
HORIZONTAL SPREAD	4.295	1.832	1.832
VERTICAL SPREAD	2.734	2.734	2.140
EXTREME SPREAD	4.425	2.737	2.165
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 4

HM = 2.276

VM = 2.868

GM = 3.011

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.955	1.058	1.075
MINIMUM X	-1.321	-1.218	-1.086
MAXIMUM Y	1.668	.775	.677
MINIMUM Y	-1.200	-1.014	-1.112
CENTROID X	.155	.052	-.080
CENTROID Y	-.013	-.199	-.101
POA TO CENTROID in.	.155	.205	.129
MIN RADIUS	.470	.649	.571
MEAN RADIUS	1.052	.960	.889
MAX RADIUS	1.906	1.317	1.154
HORIZONTAL SPREAD	2.276	2.276	2.161
VERTICAL SPREAD	2.868	1.789	1.789
EXTREME SPREAD	3.011	2.417	2.175
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		