

C6349165

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00129491

Serial: C6349165 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 5/18/2007 7:31:46 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: FMC 25TH BSB (1-25TH SBCT)

FMC 25TH BSB (1-25TH SBCT)

Address 1: ATTN: CW3 A.J. AIYETORO

ATTN: CW3 A.J. AIYETORO

Address 2: 1060 GAFFNEY ROAD #9100

PO Box:

1060 GAFFNEY ROAD #9100

PO Box:

City: FORT WAINWRIGHT

FORT WAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

Country: US

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

5/18/2007

8:00 AM

CAPS

NUM

INS

SCRL

start

3 M...

2 M...

5 I...

Part ...

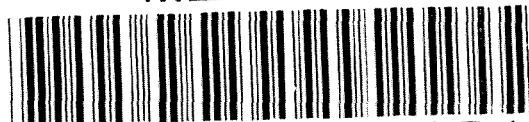
Arms...

Stoc...

8:00 AM

Serial Number: C6349165

Model: M24 SWS



RE00129491

DA FORM 2407, JUL 94 (electronically reproduced)

M2400109228

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349165.__0

FILE DATE AND TIME: 07/09/2007 23:07

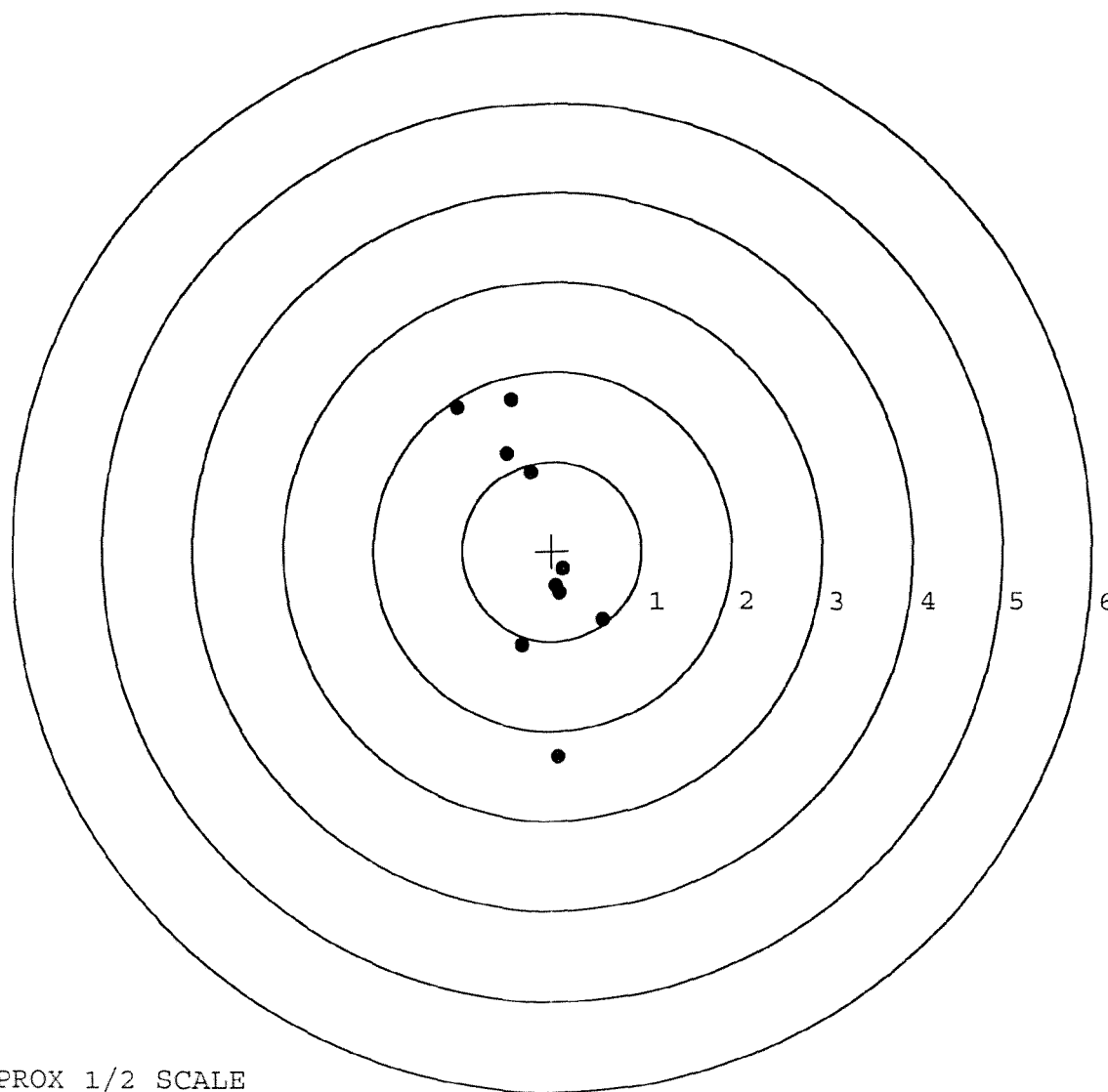
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.057
The Average Y Centroid of the Five Target Set:	0.045
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.877
The Distance from POA to Centroid Target #1:	0.172
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.262
The Distance from Centroid Target #4 to Centroid Target #1:	0.172
The Distance from Centroid Target #5 to Centroid Target #1:	0.122

SERIAL NUMBER: C6349165. __0
TARGET NUMBER: 1
FILE DATE: 07/09/2007
FILE TIME: 23:07

POINT#	X	Y
1:	0.122	-0.203
2:	0.080	-0.473
3:	0.573	-0.769
4:	-0.336	-1.046
5:	-0.245	0.881
6:	-0.510	1.088
7:	-0.462	1.688
8:	-1.062	1.593
9:	0.075	-2.293
10:	0.044	-0.393

X CENTROID: -0.172
Y CENTROID: 0.007
POA TO CENTROID: 0.172
HORZ SPREAD: 1.635
VERT SPREAD: 3.981
GROUP SPREAD: 4.049
MIN RADIUS: 0.362
MAX RADIUS: 2.314
MEAN RADIUS: 1.135
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

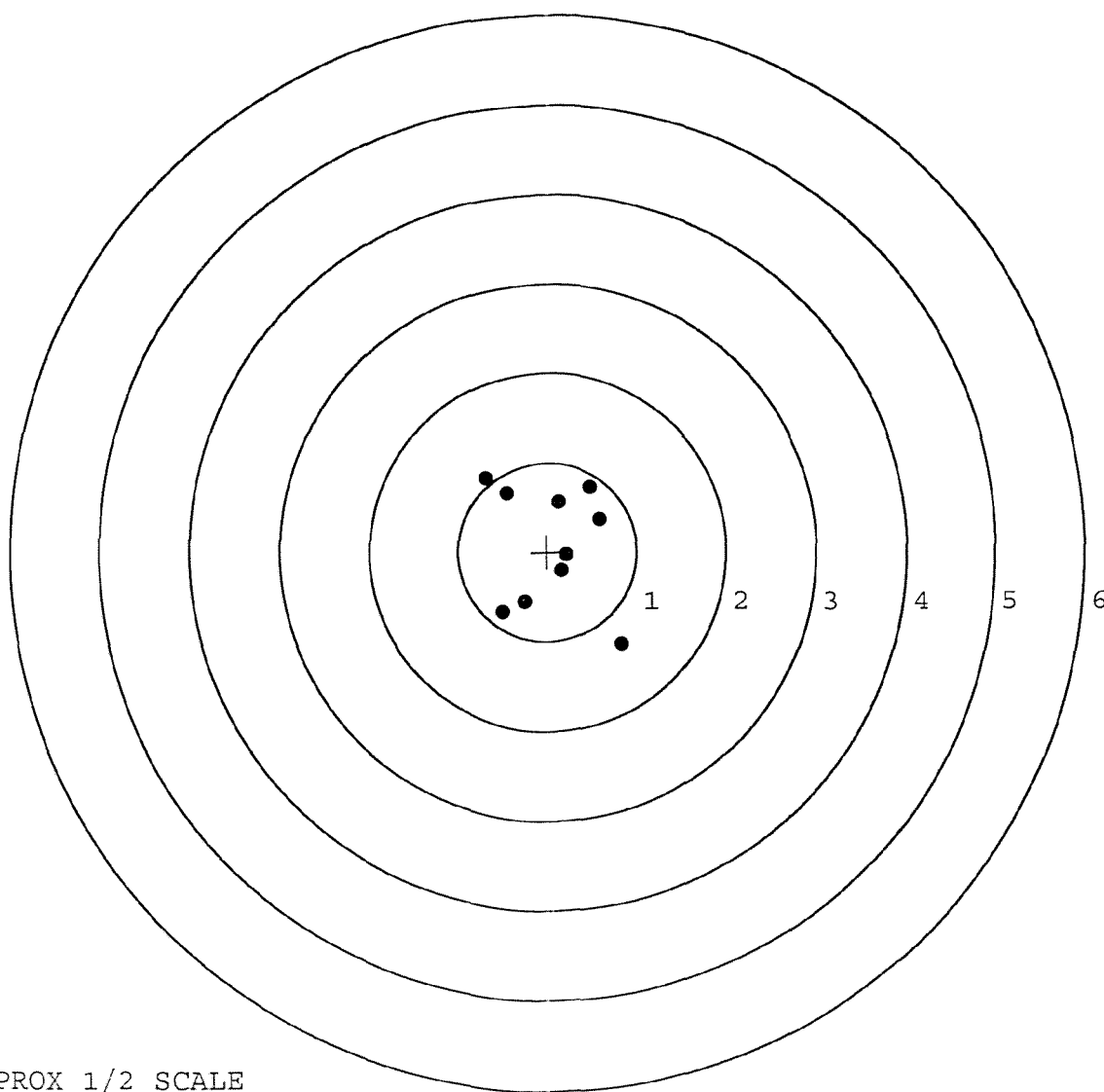


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349165.___0
TARGET NUMBER: 2
FILE DATE: 07/09/2007
FILE TIME: 23:07

POINT#	X	Y
1:	0.129	0.558
2:	0.479	0.725
3:	0.582	0.360
4:	0.162	-0.219
5:	0.214	-0.037
6:	-0.256	-0.563
7:	-0.501	-0.678
8:	-0.460	0.664
9:	-0.689	0.833
10:	0.831	-1.037

X CENTROID: 0.049
Y CENTROID: 0.061
POA TO CENTROID: 0.078
HORZ SPREAD: 1.520
VERT SPREAD: 1.870
GROUP SPREAD: 2.410
MIN RADIUS: 0.192
MAX RADIUS: 1.348
MEAN RADIUS: 0.722
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

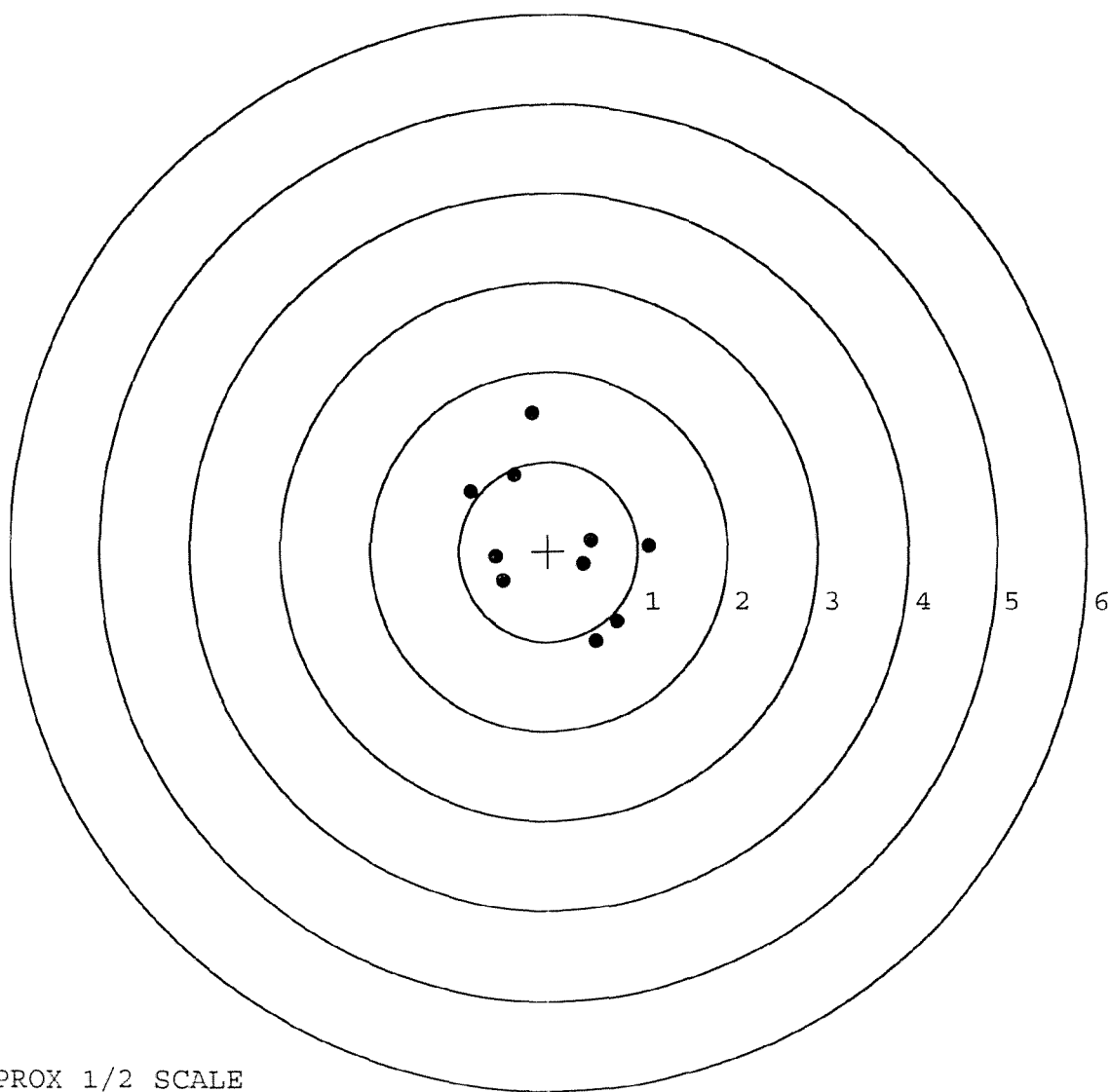


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349165. 0
TARGET NUMBER: 3
FILE DATE: 07/09/2007
FILE TIME: 23:07

POINT#	X	Y
1:	0.475	0.117
2:	0.395	-0.150
3:	1.126	0.061
4:	0.770	-0.779
5:	0.534	-1.003
6:	-0.508	-0.333
7:	-0.593	-0.066
8:	-0.873	0.662
9:	-0.384	0.852
10:	-0.182	1.545

X CENTROID: 0.076
Y CENTROID: 0.091
POA TO CENTROID: 0.118
HORZ SPREAD: 1.999
VERT SPREAD: 2.548
GROUP SPREAD: 2.647
MIN RADIUS: 0.400
MAX RADIUS: 1.477
MEAN RADIUS: 0.903
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

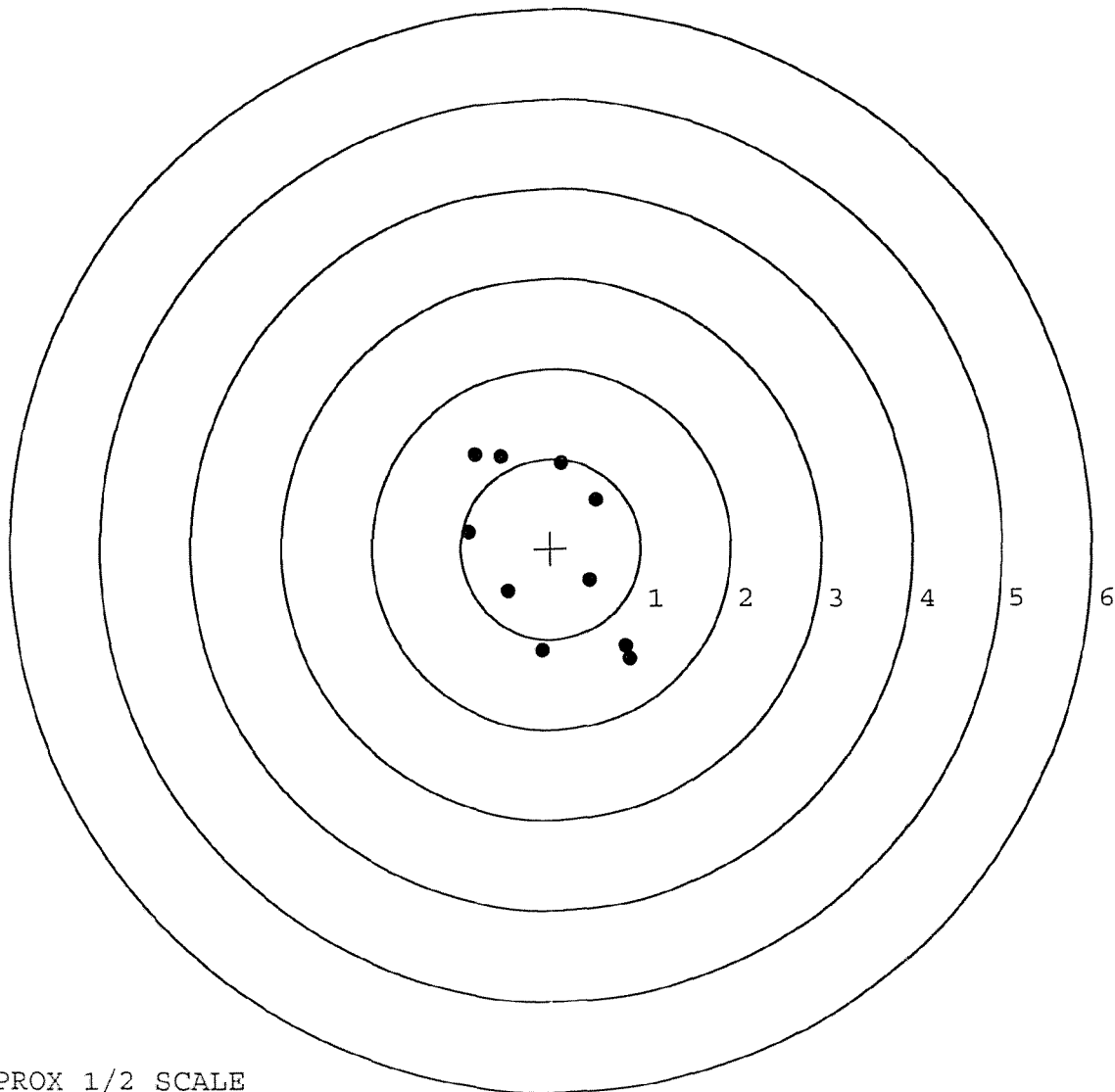


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349165. __0
TARGET NUMBER: 4
FILE DATE: 07/09/2007
FILE TIME: 23:07

POINT#	X	Y
1:	-0.840	1.041
2:	-0.559	1.028
3:	0.125	0.952
4:	0.501	0.539
5:	0.439	-0.356
6:	-0.478	-0.471
7:	-0.919	0.178
8:	-0.096	-1.127
9:	0.838	-1.077
10:	0.883	-1.219

X CENTROID: -0.011
Y CENTROID: -0.051
POA TO CENTROID: 0.052
HORZ SPREAD: 1.802
VERT SPREAD: 2.260
GROUP SPREAD: 2.842
MIN RADIUS: 0.543
MAX RADIUS: 1.470
MEAN RADIUS: 1.036
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 10

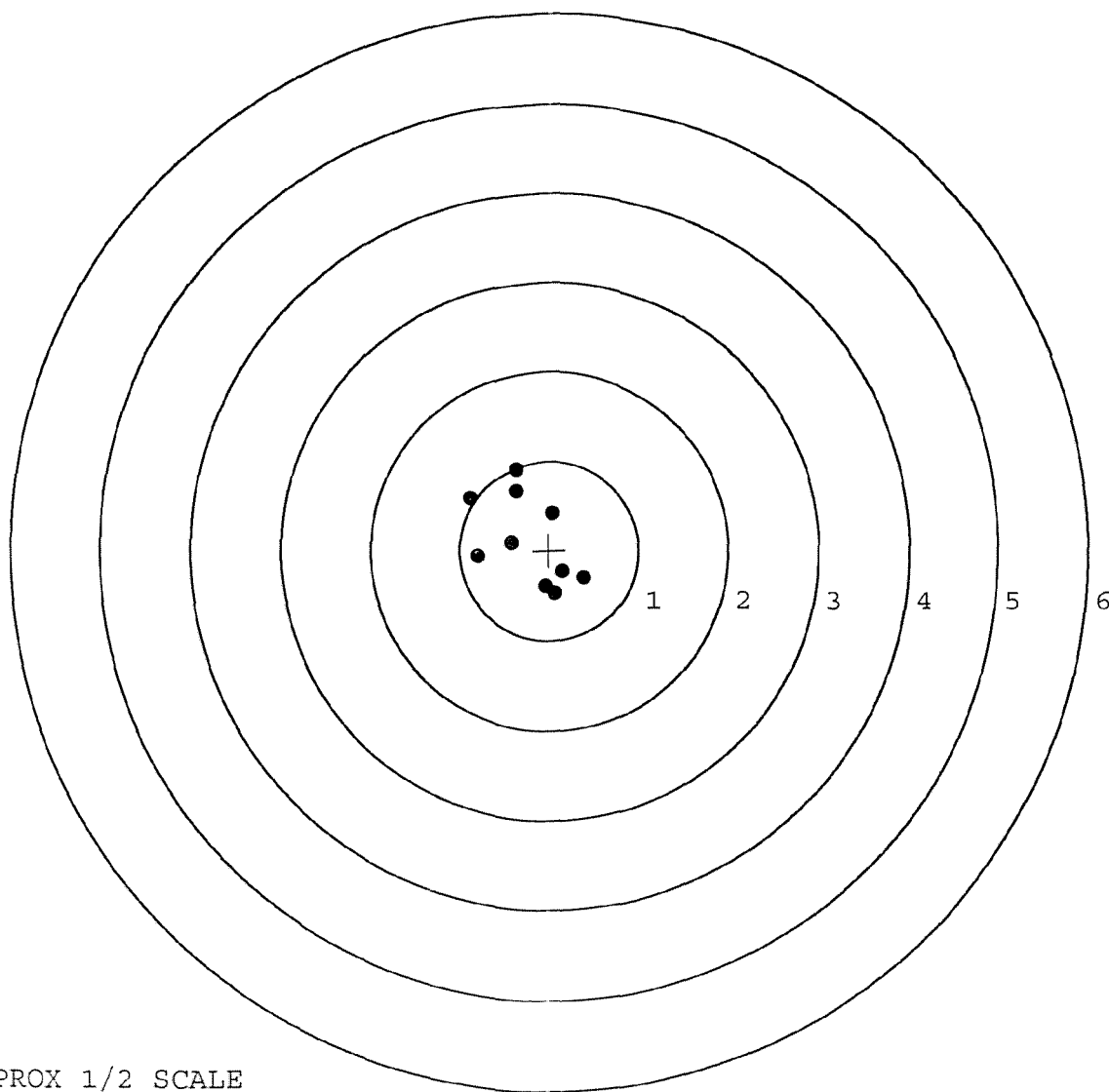


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349165. __0
TARGET NUMBER: 5
FILE DATE: 07/09/2007
FILE TIME: 23:07

POINT#	X	Y
1:	0.035	0.420
2:	-0.368	0.669
3:	-0.426	0.092
4:	-0.797	-0.071
5:	-0.045	-0.403
6:	0.062	-0.481
7:	0.387	-0.313
8:	0.151	-0.235
9:	-0.884	0.583
10:	-0.378	0.907

X CENTROID: -0.226
Y CENTROID: 0.117
POA TO CENTROID: 0.255
HORZ SPREAD: 1.271
VERT SPREAD: 1.388
GROUP SPREAD: 1.555
MIN RADIUS: 0.201
MAX RADIUS: 0.806
MEAN RADIUS: 0.586
IN 1 IN DIAMETER: 2
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		129491		
SERIAL NUMBER		C6349165		
LOG-IN DATE		5-18-07		

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-12-07	RTR
505	RE-BARREL	6-15-07	RTR
560	ASSEMBLE	6-18-07	RTR
600	PROOF	6-18-07	TRW
605	CHECK HEADSPACE	6-18-07	TRW
610	DIS-ASSEMBLE GUN	6-18-07	RTR
612	MAGNAFLUX	6-19-07	Wmg
510	DRILL AND TAP	6-18-07	SD
615	ROLLMARK CALIBER	6-19-07	CW
618	ROTO-BLAST	6-19-07	DG
620	APPLY COATINGS	6-21-07	TR
625	FINAL ASSEMBLY	7-5-07	SLP
640	FUNCTION TEST AND	7-9-07	W
650	TARGET	7-9-07	W
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-10-07	DA
	A) HEADSPACE	PASS FAIL	7-10-07 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.57 2.57 2.34 2.43 2.39 7-10-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.0 4.0 4.0 7-10-07 DA
	G) SAFETY OFF FORCE	2 LBS MAX	2.0 2.0 2.0 7-10-07 DA
	I) FIRING PIN INDENT	.020	.024 .023 .024 7-10-07 DA
690	PACK		7-11-07 DA

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: **RE00028683** Serial: C6349165 Model 700 Center Fire-Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/18/01 1:17:47 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: TRANS OFFICER 256 235 6031 TRANS OFFICER 256 235 6031

Address 1: 7 FRANKFORD AVE BLDG 112 7 FRANKFORD AVE BLDG 112

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: Fax: Email: Comments:

Received Condition

Condition: Poor

Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1

Repair Search Refresh Close

naqln 6/18/01 2:36 PM CAPS NUM MS STH

Start Inbox Arm... Micro Amaz Part... Free Lab SAP 2:36 PM

Serial Number: **C6349165**

Model: **700**



RE00028683

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349165
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.142
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0288
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144891

THE AMR FOR THIS RIFLE IS: .9408

CENTROIDAL DISTANCES

0 TO	1	.571466
1 TO	2	.655515
1 TO	3	.464011
1 TO	4	.894685
1 TO	5	1.00065

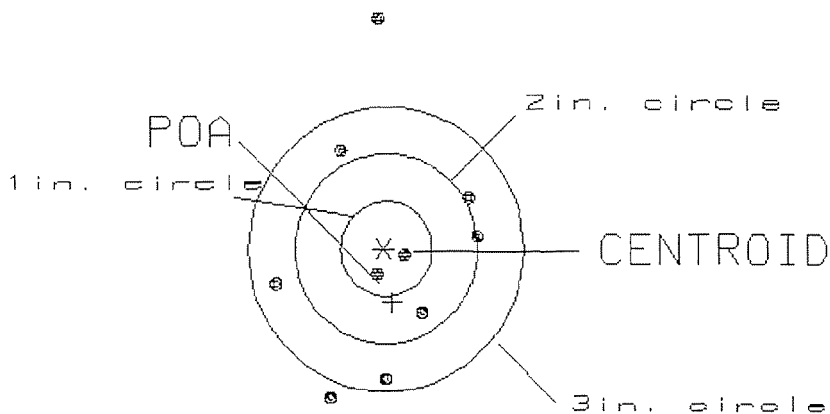
1
2 3
+ <----POA
4
5

PATTERN #: 010
 POA TO CENTROID: .572
 MIN RADIUS : .168
 MEAN RADIUS : 1.103
 MAX RADIUS : 2.419
 CENTROID X : -.098
 CENTROID Y : .563

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6349165

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.16

2

VS= 3.95

4

GS= 3.98

8

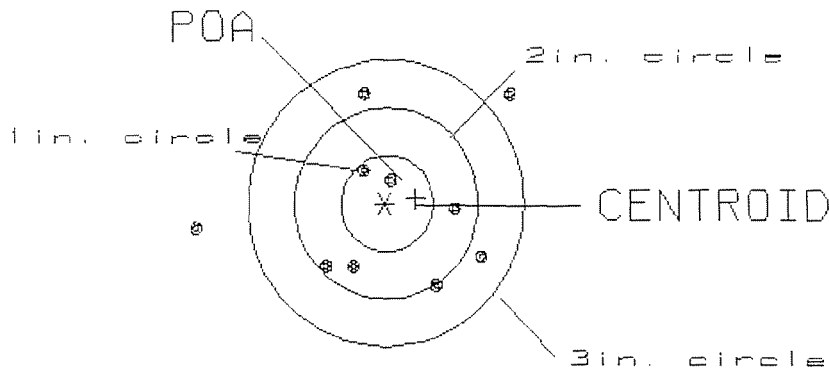
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .341
 MIN RADIUS : .265
 MEAN RADIUS : 1.043
 MAX RADIUS : 2.130
 CENTROID X : -.338
 CENTROID Y : -.047

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6349165

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.40
 VS= 2.07
 GS= 3.69

2
 5
 8

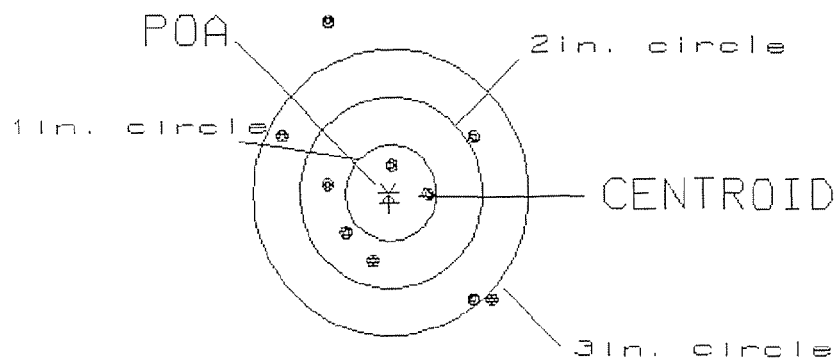
PATTERN #: 3

POA TO CENTROID: .108
 MIN RADIUS : .306
 MEAN RADIUS : 1.025
 MAX RADIUS : 1.960
 CENTROID X : -.007
 CENTROID Y : .108

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6349165

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.36

2

VS= 2.99

5

GS= 3.47

8

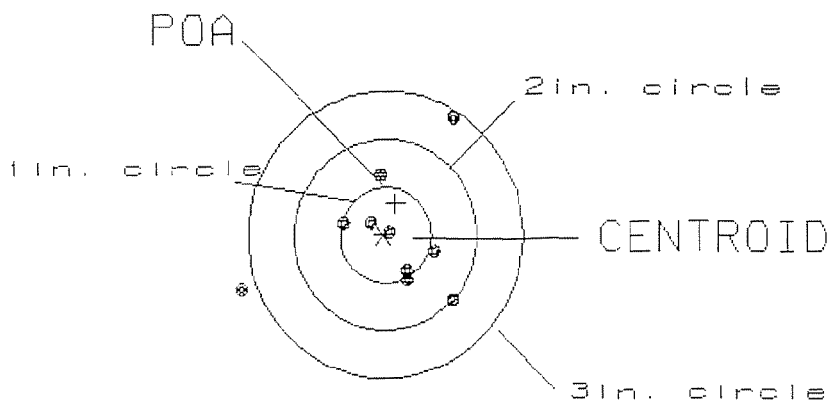
PATTERN #: 4

POA TO CENTROID: .357
 MIN RADIUS : .028
 MEAN RADIUS : .694
 MAX RADIUS : 1.667
 CENTROID X : -.133
 CENTROID Y : -.331

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6349165

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.30

4

VS= 1.96

6

GS= 2.90

9

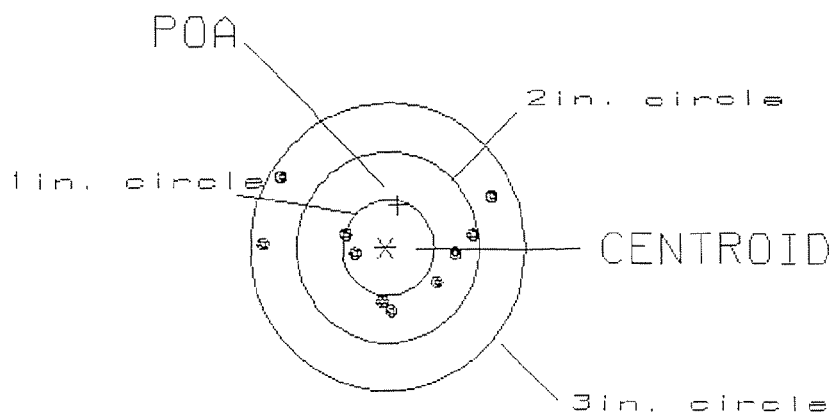
PATTERN #: 5

POA TO CENTROID: .457
 MIN RADIUS : .388
 MEAN RADIUS : .839
 MAX RADIUS : 1.385
 CENTROID X : -.134
 CENTROID Y : -.437

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6349165

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.48

2

VS= 1.38

7

GS= 2.53

10

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. _____

DATE 6/14/01

TESTER BAK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.34		2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.35		2.35	
PULL #3	2.15	2.37		2.36	
PULL #4	2.27	2.37		2.24	
PULL #5	2.17	2.37		2.27	
TOTAL	11.09	11.80		11.56	
AVG.	2.21	2.36		2.31	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.16		
PULL #2	3.27	3.25		
PULL #3	3.29	3.18		
PULL #4	3.22	3.25		
PULL #5	3.17	3.09		
TOTAL	16.18	15.93		
AVG.	3.23	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.04		4.13
PULL #2	4.08	4.27		4.12
PULL #3	4.08	4.15		4.04
PULL #4	4.05	4.02		4.04
PULL #5	4.11	4.15		4.20
TOTAL	20.68	20.63		20.53
AVG.	4.13	4.12		4.10

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-02609

INITIAL CUSTOMER ORDER NO.

W/LEUPOLD SCOPE W/BI-POD
W/DEPLOYMENT KIT

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/16/96

01/17/96

C6349165

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

US ARMY
HHC 4/9 INF
FT WAINWRIGHT

AK 99703

US ARMY
HHC 4/9 INF
FT WAINWRIGHTAK
99703

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO: 135896 C.O.D.

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

Barrel - 96003
Stock - 96018

Scope Dust Covers Front & Rear - 96043 & 96044

Soft Carrying Case - 96076

Repowder Coat - Trigger Guard
ASSY Front & Rear Sight Bases
ReZinc Scope Base, Rings &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD8925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400109245

M-24

CONTRACT # DAAA21-87-C-0086

New Barrel
Stock

GUN SERIAL #

C6349165

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	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		2/1/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/96	RW
	C) Inspect Ejector Hole for Chamfer		2/1/96	RW
	D) Oil Firing Pin Ass'y		2/1/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	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		2/1/96	Rw
	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		2/1/96	PC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		2/1/96	PC
655	Final Inspection			
	A) Headspace		2/2/96	Rw
	B) Trigger Pull			
	C) Function		2/2/96	Rw
660	Pack			

Final Inspection

S.N: C6349165

DATE REC'D: 1/17/96

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349165
3 Jan 1900

CENTROIDAL DISTANCES

0 TO 1	1.30462
1 TO 2	.553943
1 TO 3	.412923
1 TO 4	.140289
1 TO 5	.123548

$2\frac{5}{3}$

+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0394
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.119

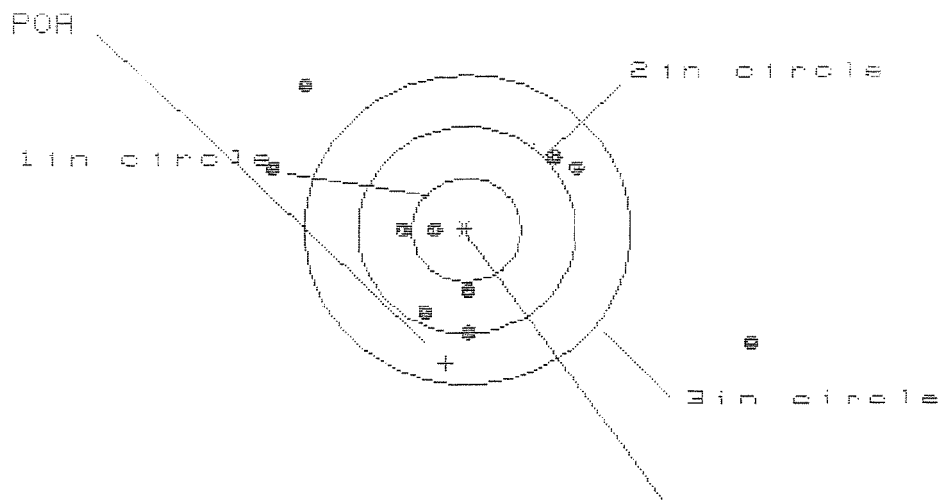
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.11969

THE AMR FOR THIS RIFLE IS: 1.099

3 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349165

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIE

1 in = 1

2 in = 4

3 in = 7

HS = 4.048

VS = 2.523

GS = 4.888

CENTROID *

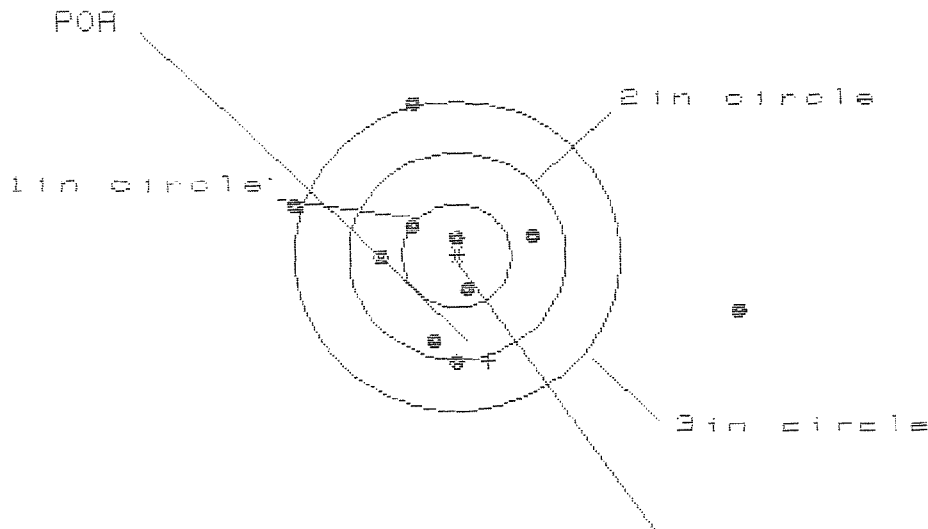
PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.583	1.336	1.183
MINIMUM X	-1.762	-1.476	-1.629
MAXIMUM Y	1.402	1.278	.737
MINIMUM Y	-1.121	-1.125	-.966
CENTROID X	.188	-.098	.055
CENTROID Y	1.291	1.415	1.256
POR TO CENTROID in.	1.304	1.419	1.257
MIN RADIUS	.292	.094	.170
MEAN RADIUS	1.240	1.031	.913
MAX RADIUS	2.815	1.770	1.767
HORIZONTAL SPREAD	4.345	2.812	2.812
VERTICAL SPREAD	2.523	2.403	1.703
EXTREME SPREAD	4.889	2.866	2.812
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

3 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6345165

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 7

HE = 4.041

VS = 2.501

GS = 4.159

CENTROID *

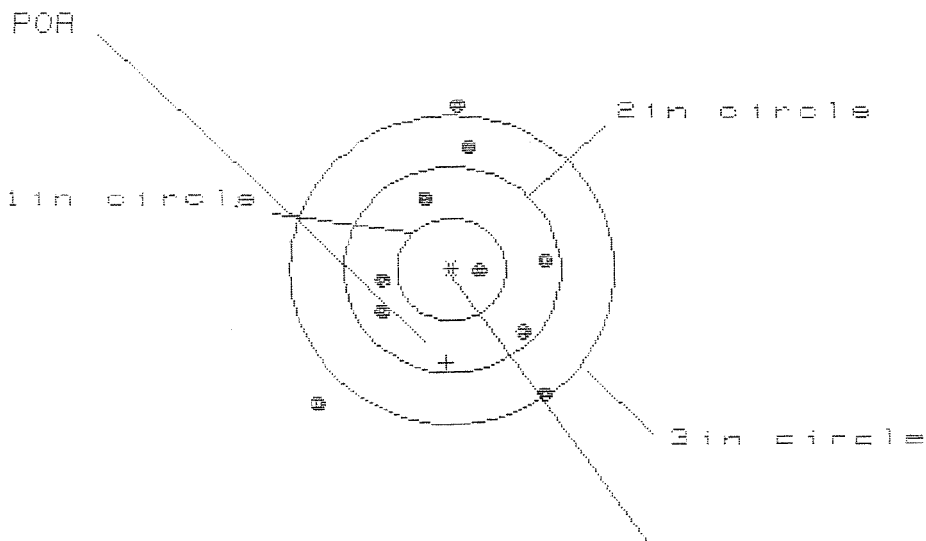
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.550	.927	.776
MINIMUM X	:	-1.491	-1.208	-.577
MAXIMUM Y	:	1.503	1.444	1.494
MINIMUM Y	:	-.998	-1.057	-1.007
CENTROID X	:	-.294	-.577	-.426
CENTROID Y	:	1.018	1.077	1.027
POR TO CENTROID in.	:	1.060	1.222	1.112
MIN RADIUS	:	.145	.284	.181
MEAN RADIUS	:	.993	.794	.715
MAX RADIUS	:	2.604	1.450	1.520
HORIZONTAL SPREAD	:	4.041	2.135	1.353
VERTICAL SPREAD	:	2.501	2.501	2.501
EXTREME SPREAD	:	4.159	2.530	2.530
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6349165

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.072

VS= 2.050

GS= 3.103

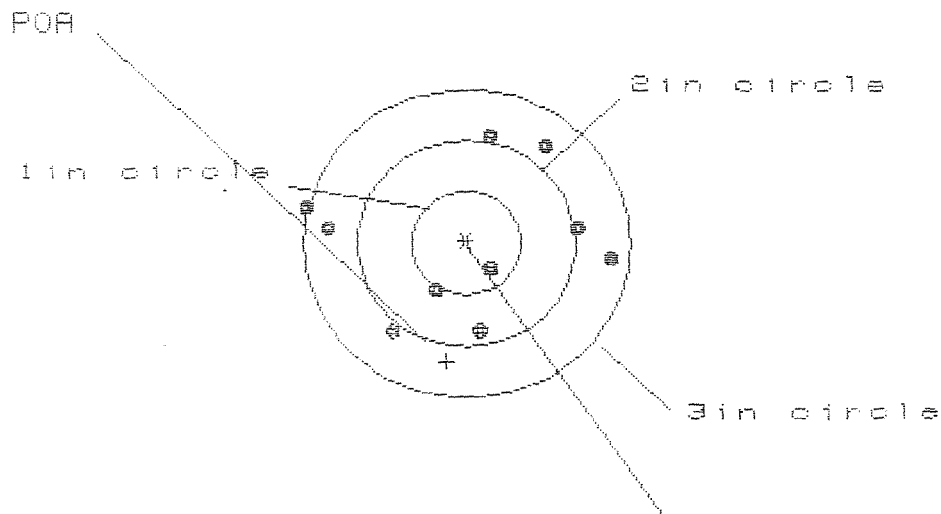
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.876	.743	.731
MINIMUM X	:	-1.196	-.783	-.795
MAXIMUM Y	:	1.574	1.433	1.190
MINIMUM Y	:	-1.276	-1.325	-1.146
CENTROID X	:	.044	.177	.189
CENTROID Y	:	.904	1.045	.866
POA TO CENTROID in.	:	.905	1.060	.887
MIN RADIUS	:	.239	.175	.102
MEAN RADIUS	:	1.008	.911	.827
MAX RADIUS	:	1.748	1.498	1.336
HORIZONTAL SPREAD	:	2.072	1.526	1.526
VERTICAL SPREAD	:	2.850	2.758	2.336
EXTREME SPREAD	:	3.103	2.871	2.428
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

3 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349165

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

CENTROID #

ME= 2.872

VS= 1.984

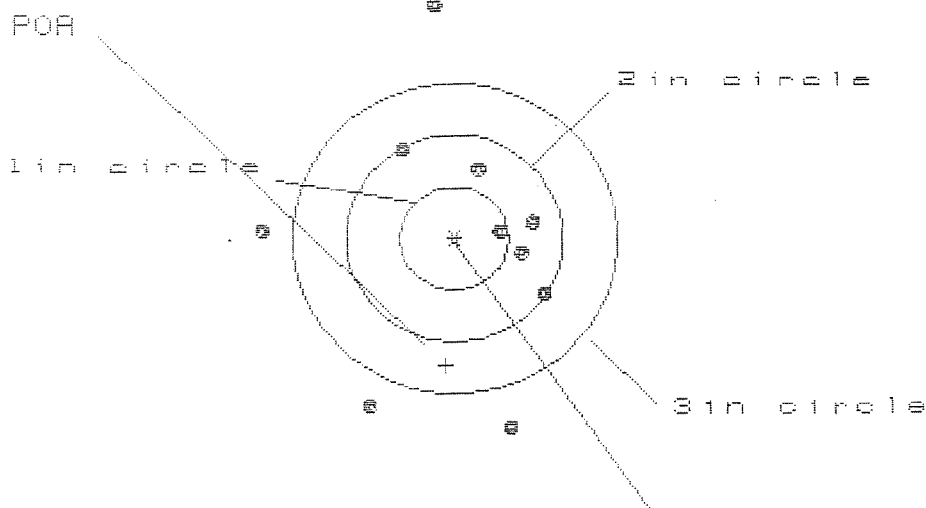
GS= 2.914

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.356	1.188	1.012
MINIMUM X	:	-1.516	-1.486	-1.338
MAXIMUM Y	:	1.022	1.057	1.039
MINIMUM Y	:	-.882	-.847	-.865
CENTROID X	:	.179	.347	.199
CENTROID Y	:	1.151	1.116	1.134
POA TO CENTROID in.	:	1.165	1.169	1.151
MIN RADIUS	:	.382	.267	.356
MEAN RADIUS	:	1.048	.967	.941
MAX RADIUS	:	1.548	1.500	1.350
HORIZONTAL SPREAD	:	2.872	2.674	2.350
VERTICAL SPREAD	:	1.984	1.984	1.984
EXTREME SPREAD	:	2.914	2.697	2.373
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	9		

3 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349163

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 6

HS = 2.546

VS = 4.089

GS = 4.144

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.785	.766	.827
MINIMUM X	:	-1.761	-1.780	-1.720
MAXIMUM Y	:	2.257	1.082	.884
MINIMUM Y	:	-1.832	-1.581	-1.585
CENTROID X	:	.080	.099	.039
CENTROID Y	:	1.231	.980	1.178
POA TO CENTROID in.	:	1.234	.985	1.179
MIN RADIUS	:	.403	.517	.459
MEAN RADIUS	:	1.206	1.101	1.005
MAX RADIUS	:	2.263	1.802	1.760
HORIZONTAL SPREAD	:	2.546	2.546	2.546
VERTICAL SPREAD	:	4.089	2.663	2.469
EXTREME SPREAD	:	4.144	2.933	2.685
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349165

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		LS
7	Drill and Tap Sight Holes	9 29 89		LB
618	Polish Barrel RB	9 29 89		BT
620	Apply Coatings (Barrel Action)		10-11-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		25 Oct 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/26/89	9cl
	G) Safety Off Force	3	3	3			10/26/89	9cl
	H) Trigger Pull Test & Retainability						256/89	9cl
	I) Firing Pin Indent	.022	.0225	.225			10/26/89	9cl
	J) Assemble Stock						10/31/89	RW
	K) Assemble Swivel Studs						6/1/89	9cl
	L) Attach Front and Rear Sight Assemblies						10/31/89	RW
	M) Iron Sight Alignment						10/31/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/89	RW
	O) Attach Scope to Rifle						10/31/89	9cl
	P) Detach & Attach Scope 20 Times						10/31/89	9cl
640	Gallery Target & Test						11-1-89	AC
	A) Time						11-1-89	AC
	B) Malfunctions						11-1-89	AC
	C) Pierced Primers						11-1-89	AC
	D) Optical Clarity of Scope						11-1-89	AC
645	Inspect for Live Ammo						11-1-89	AC
655	Final Inspection							
	A) Headspace						6/1/89	9cl
	B) Trigger Pull	225	230	229	235	229	6/1/89	9cl
	C) Function						6/1/89	9cl
660	Pack						15 Dec 89	9cl

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06349165

DATE 3-13-90

TESTER JEF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.49	2.56	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.47	2.42	
PULL #3	2.49	2.57	2.40	
PULL #4	2.54	2.61	2.35	
PULL #5	2.52	2.52	2.38	
TOTAL	12.48	12.73	12.02	
AVG.	2.496	2.546	2.404	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.21	3.25	
PULL #2	3.14	3.25	
PULL #3	3.13	3.32	
PULL #4	3.44	3.34	
PULL #5	3.34	3.44	
TOTAL	16.26	16.60	
AVG.	3.252	3.32	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.28		
PULL #2	4.38	4.26		
PULL #3	4.26	4.25		
PULL #4	4.22	4.20		
PULL #5	4.07	4.17		
TOTAL	21.39	21.16		
AVG.	4.278	4.232		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06359165
1 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.816953
1 TO	2	.754488
1 TO	3	1.12645
1 TO	4	.892121
1 TO	5	1.2322

1 $\frac{2}{5}$ <----POB

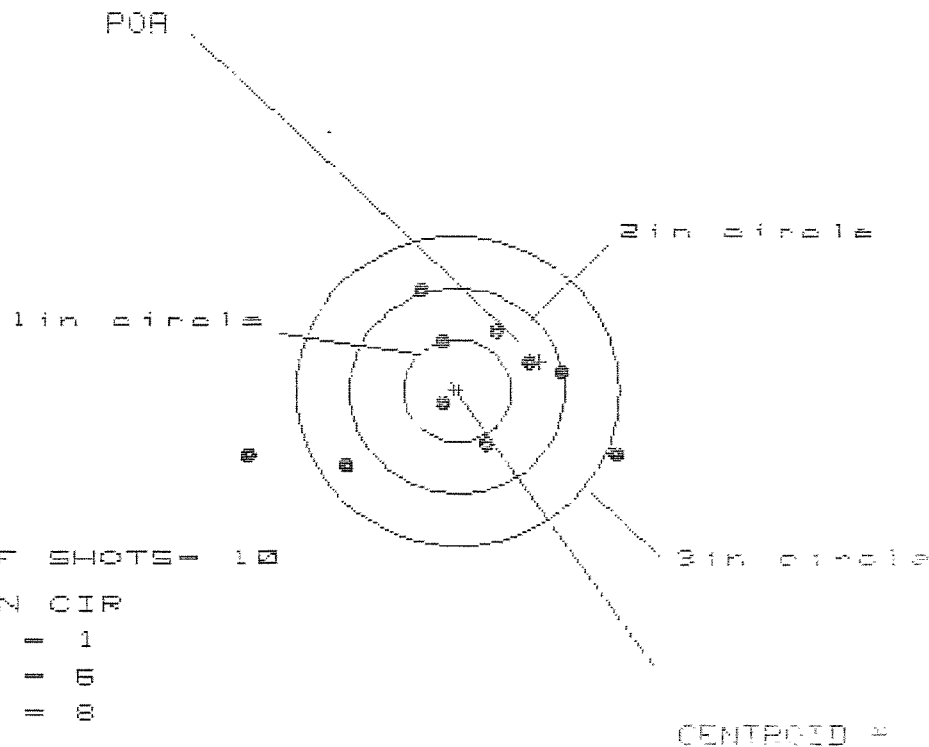
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0096
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202025
THE AMR FOR THIS RIFLE IS: 1.015

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349185

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.379

VS= 1.661

GS= 3.379

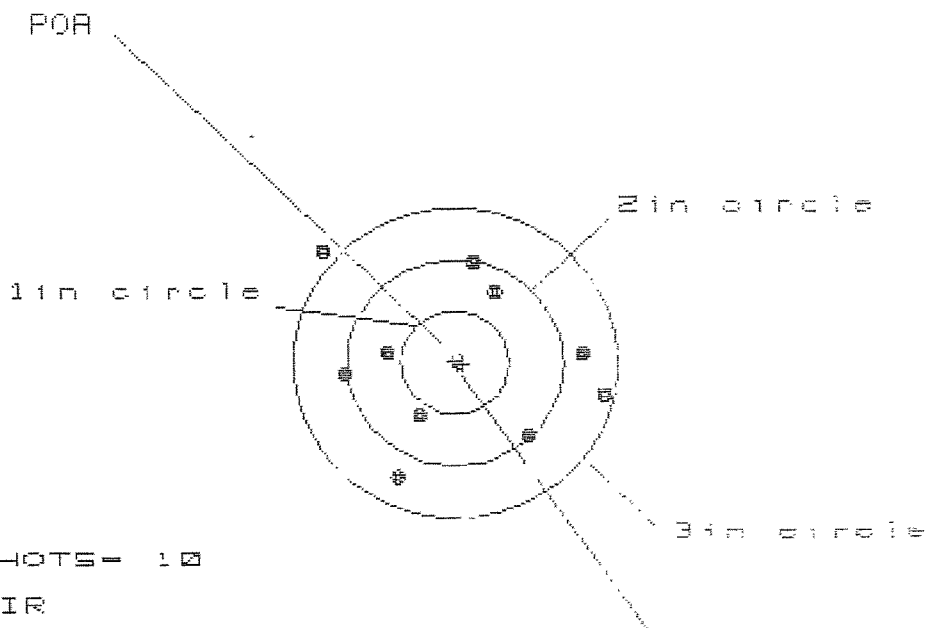
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.429	1.213	1.001
MINIMUM X	-1.950	-1.256	-1.105
MAXIMUM Y	.954	.889	.803
MINIMUM Y	-.707	-.772	-.856
CENTROID X	-.766	-.550	-.701
CENTROID Y	-.284	-.219	-.133
POA TO CENTROID in.	.817	.592	.714
MIN RADIUS	.190	.413	.344
MEAN RADIUS	.956	.910	.703
MAX RADIUS	2.036	1.475	1.469
HORIZONTAL SPREAD	3.379	2.469	1.966
VERTICAL SPREAD	1.661	1.661	1.661
EXTREME SPREAD	3.379	2.471	2.166
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05345165

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.619

VS= 2.253

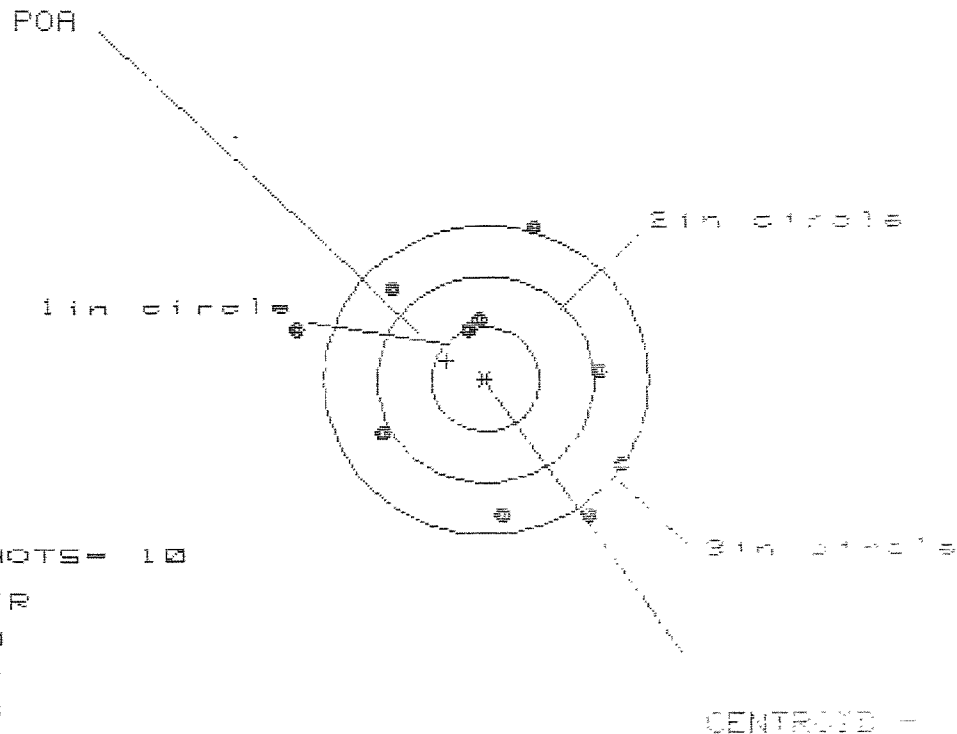
GS= 2.968

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.384	1.247	1.153
MINIMUM X	:	-1.235	-1.124	-0.968
MAXIMUM Y	:	1.103	1.075	1.053
MINIMUM Y	:	-1.150	-1.027	-1.049
CENTROID X	:	-0.072	0.065	-0.090
CENTROID Y	:	0.012	-0.111	-0.069
POA TO CENTROID in.	:	0.073	0.128	0.127
MIN RADIUS	:	0.597	0.587	0.584
MEAN RADIUS	:	1.035	0.961	0.904
MAX RADIUS	:	1.656	1.258	1.177
HORIZONTAL SPREAD	:	2.619	2.371	2.121
VERTICAL SPREAD	:	2.253	2.102	2.102
EXTREME SPREAD	:	2.968	2.378	2.315
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06343185

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS= 3.057

VS= 2.791

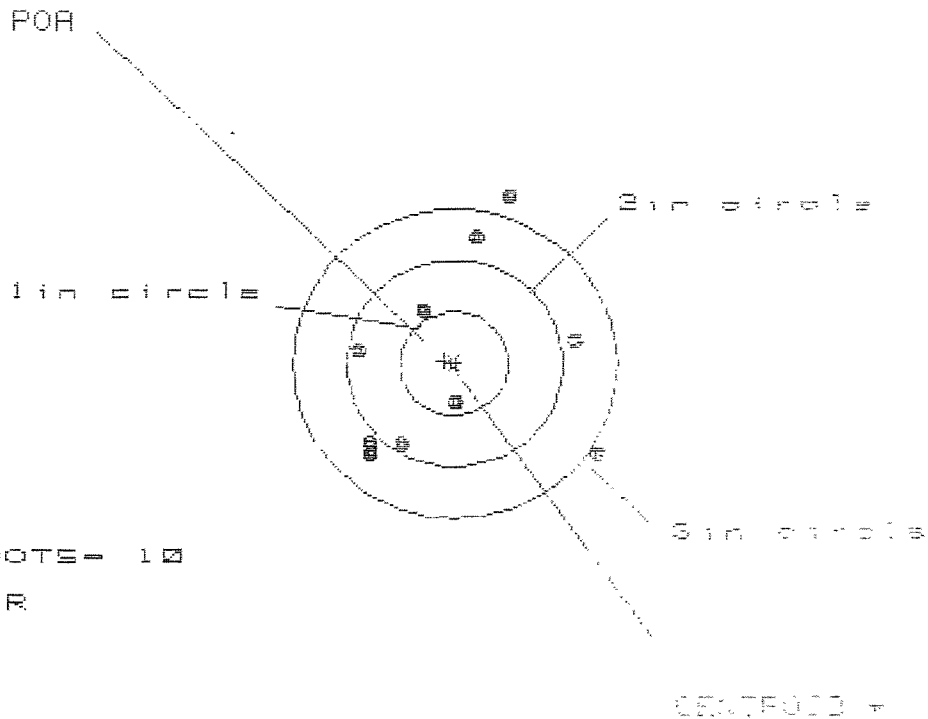
GS= 3.320

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	1.084	1.173
MINIMUM X	:	-1.776	-1.187	-1.039
MAXIMUM Y	:	1.446	1.501	1.747
MINIMUM Y	:	-1.345	-1.290	-1.144
CENTROID X	:	.356	.553	.464
CENTROID Y	:	-.184	-.239	-.086
POA TO CENTROID in.	:	.401	.603	.472
MIN RADIUS	:	.505	.641	.461
MEAN RADIUS	:	1.232	1.161	1.095
MAX RADIUS	:	1.844	1.519	1.477
HORIZONTAL SPREAD	:	3.057	2.271	2.371
VERTICAL SPREAD	:	2.791	2.791	2.791
EXTREME SPREAD	:	3.320	2.811	2.811
NUMBER IN ONE INCH CIRCLE =		0		
NUMBER IN TWO INCH CIRCLE =		2		
NUMBER IN THREE INCH CIRCLE =		6		

1 Nov 1985

FILE://PATTERNING/CENTERFIRE_PATT/063451E5

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.221

VS = 2.522

GS = 2.831

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.342	1.400	1.028
MINIMUM X	-0.879	-0.821	-0.848
MAXIMUM Y	1.610	1.397	1.006
MINIMUM Y	-0.910	-0.733	-0.800
CENTROID X	.028	.030	-0.145
CENTROID Y	-0.026	-0.205	-0.114
POA TO CENTROID in.	.092	.207	.195
MIN RADIUS	.419	.246	.401
MEAN RADIUS	1.077	.975	.809
MAX RADIUS	1.693	1.575	1.191
HORIZONTAL SPREAD	2.221	2.221	1.474
VERTICAL SPREAD	2.522	2.170	1.110
EXTREME SPREAD	2.831	2.467	2.111
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS3451B5

CENTERFIRE PATTERNS

5

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.212

VS= 1.322

GS= 2.567

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.339	1.324	1.333
MINIMUM X	:	-1.873	-1.724	-1.641
MAXIMUM Y	:	.519	.586	.484
MINIMUM Y	:	-1.793	-1.736	-1.494
CENTROID X	:	.442	.292	.384
CENTROID Y	:	-.527	-.584	-.492
POB TO CENTROID in.	:	.688	.673	.624
MIN RADIUS	:	.489	.301	.413
MEAN RADIUS	:	.775	.697	.711
MAX. RADIUS	:	1.431	1.324	1.375
HORIZONTAL SPREAD	:	2.212	2.048	1.977
VERTICAL SPREAD	:	1.322	1.322	1.322
EXTREME SPREAD	:	2.567	2.197	2.177
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	




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

MODEL 700TH H24

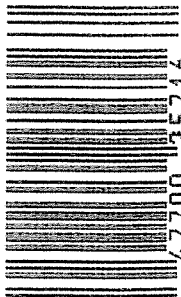
SERIAL NO.
C6349165

ORDER NO.
5716

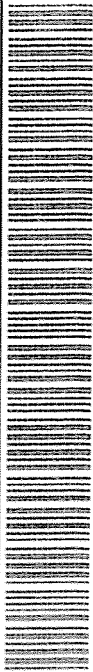
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.

01

LIPC



0 47700 25716 7



5716 C6349165

File Edit Repair Estimate Repair Extended Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00015491** Serial: **C6349165** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW/S)** Repairman: Status: **New 10/13/00 11:44:51 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICER SW3120** **TRANSPORTATION OFFICER SW3120**

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:

Fax:

Email:

Comments:

Received Condition:

Condition:

Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1

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

10/13/00 12:49 PM NUM

Start Inb Na Ex Ar ME SA RE Par Ad 12:49 PM

Serial Number: **C6349165**

Model: **700**



RE00015491

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349165
15 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .097
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0452
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107014

THE AMR FOR THIS RIFLE IS: 1.118

CENTROIDAL DISTANCES

0 TO	1	.21422
1 TO	2	.403897
1 TO	3	.540656
1 TO	4	.619225
1 TO	5	.378847

1 + ² 3 <----POA
5 4

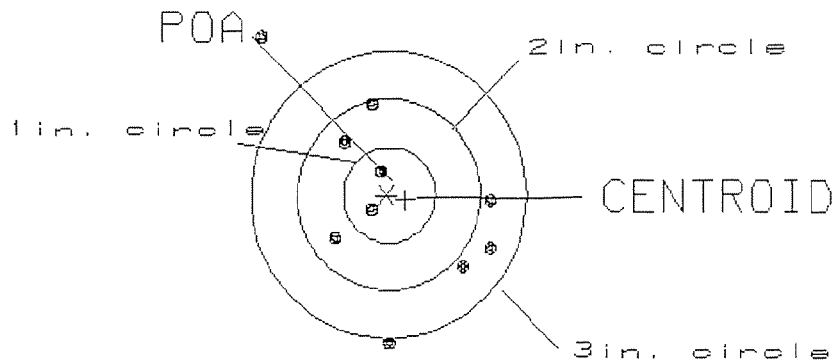
PATTERN #: 1

POA TO CENTROID: .214
 MIN RADIUS : .255
 MEAN RADIUS : 1.025
 MAX RADIUS : 2.215
 CENTROID X : -.209
 CENTROID Y : .047

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349165

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.55
 VS= 3.29
 GS= 3.58

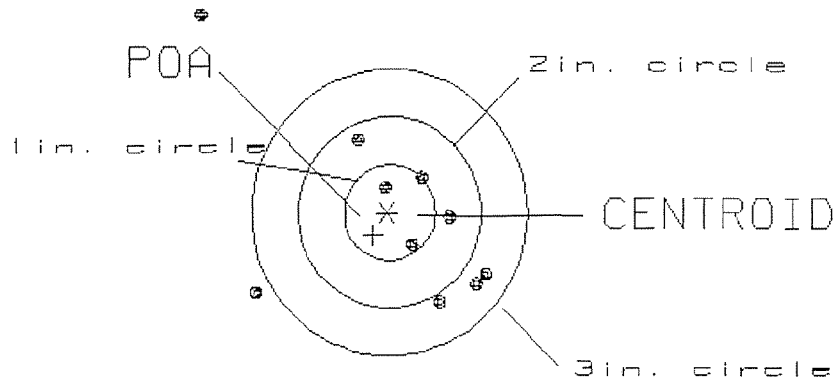
2
 5
 8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .278
 MIN RADIUS : .245
 MEAN RADIUS : 1.077
 MAX RADIUS : 2.916
 CENTROID X : .149
 CENTROID Y : .234

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349165

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.11
 US= 3.02
 GS= 4.12

3
 5
 8

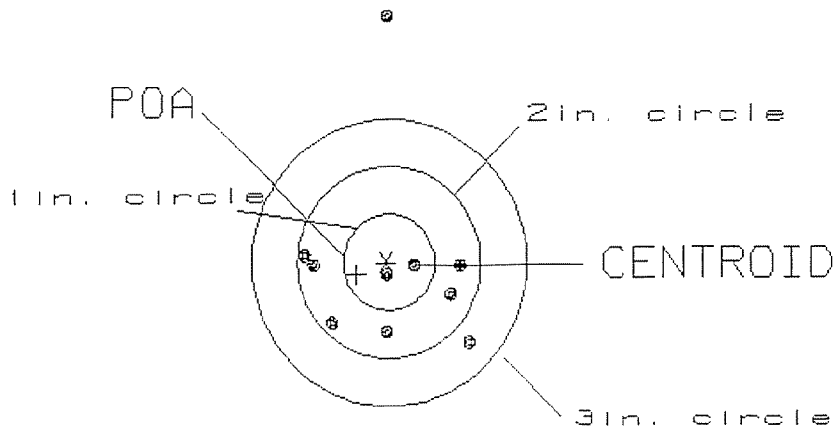
PATTERN #: 3

POA TO CENTROID: .350
 MIN RADIUS : .135
 MEAN RADIUS : .891
 MAX RADIUS : 2.530
 CENTROID X : .326
 CENTROID Y : .125

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349165

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.76

2

US= 3.31

8

GS= 3.44

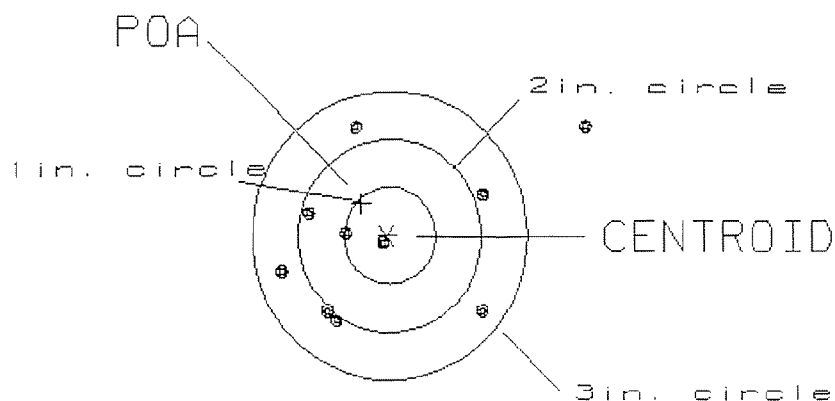
9

PATTERN #: 4
 POA TO CENTROID: .434
 MIN RADIUS : .118
 MEAN RADIUS : 1.084
 MAX RADIUS : 2.408
 CENTROID X : .283
 CENTROID Y : -.329

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349165

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.36

2

VS= 2.06

3

GS= 3.68

9

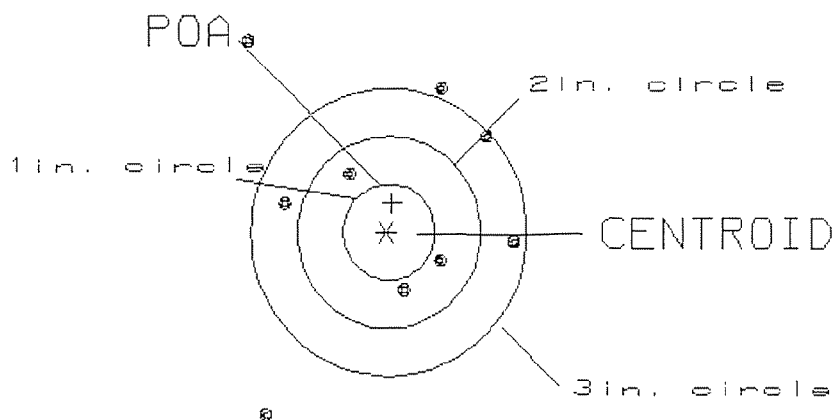
PATTERN #: 5

FOA TO CENTROID: .309
 MIN RADIUS : .601
 MEAN RADIUS : 1.513
 MAX RADIUS : 2.718
 CENTROID X : -.064
 CENTROID Y : -.303

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349165

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.89

0

US= 4.67

3

GS= 5.19

6

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

R & E NUMBER	<u>15491</u>		
SERIAL NUMBER	<u>C 6349165</u>		
LOG-IN DATE	<u>10-13-00</u>		

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-25-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-31-00	CK
605	CHECK HEADSPACE	10-31-00	CK
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	11-3-00	CK
655	FINAL INSPECT	11-16-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

SN: C6349165

DATE REC'D: 10-13-00

DATE RET'D:

AUDITOR: CK

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-350

☒ 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: