

G6391087
Raphano
C.6225565

Repair Inquiry

Repair Number: RE00092748

Serial: C6225565 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair:

Status:

Closed 2/8/2005 1:43:06 PM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: HHC 2/505 PIR, 82ND AIRBORNE DIVISION

Name: HHC 2/505 PIR, 82ND AIRBORNE DIVISION

Address 1: SSG SANDIVAL

Address 1: SSG SANDIVAL

Address 2: P.O. Box:

Address 2: P.O. Box:

City: FORT BRAGG

City: FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 910 797 8996

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
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

neglty

2/8/2005

3:02 PM

CAPS

NUM

INS

SCRL

start

2

2

Arms Services

4

M24

G 639 1087

Serial: C6225565

Model: M24 SWS



RE00092748

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391087.___0

FILE DATE AND TIME: 03/02/2005 08:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.063
The Average Y Centroid of the Five Target Set:	0.034
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.927
The Distance from POA to Centroid Target #1:	0.141
The Distance from Centroid Target #2 to Centroid Target #1:	0.065
The Distance from Centroid Target #3 to Centroid Target #1:	0.020
The Distance from Centroid Target #4 to Centroid Target #1:	0.303
The Distance from Centroid Target #5 to Centroid Target #1:	0.535

BARBER - M24 0148512

SERIAL NUMBER: G6391087. __0

TARGET NUMBER: 1

FILE DATE: 03/02/2005

FILE TIME: 08:01

POINT#	X	Y
1:	1.901	0.236
2:	1.208	0.180
3:	0.759	-0.296
4:	-0.051	-0.799
5:	-0.876	-0.809
6:	0.225	0.309
7:	-0.171	0.761
8:	-0.374	0.399
9:	-0.562	0.818
10:	-0.965	0.098

X CENTROID: 0.109

Y CENTROID: 0.090

POA TO CENTROID: 0.141

HORZ SPREAD: 2.866

VERT SPREAD: 1.627

GROUP SPREAD: 2.967

MIN RADIUS: 0.248

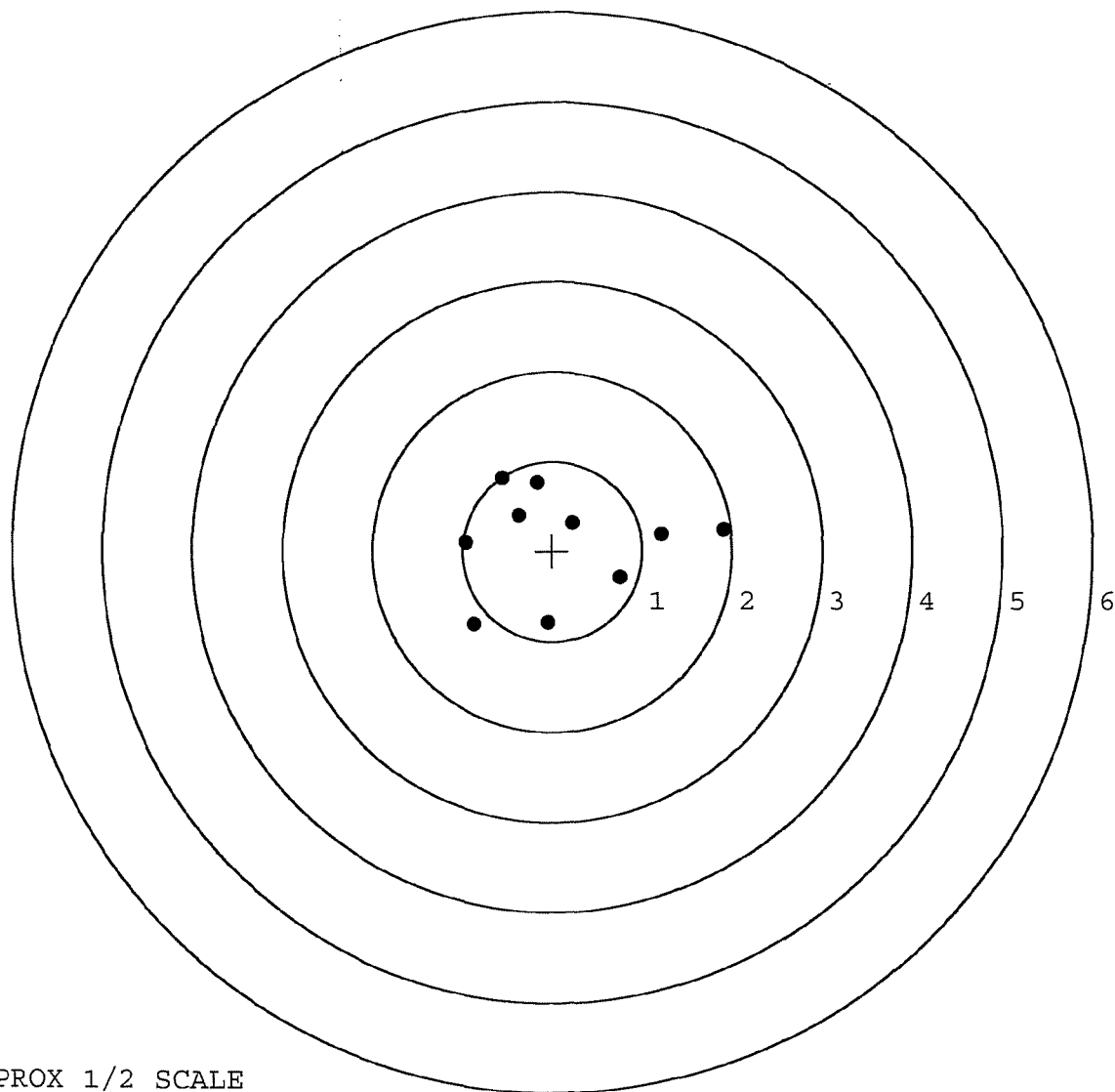
MAX RADIUS: 1.798

MEAN RADIUS: 0.951

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



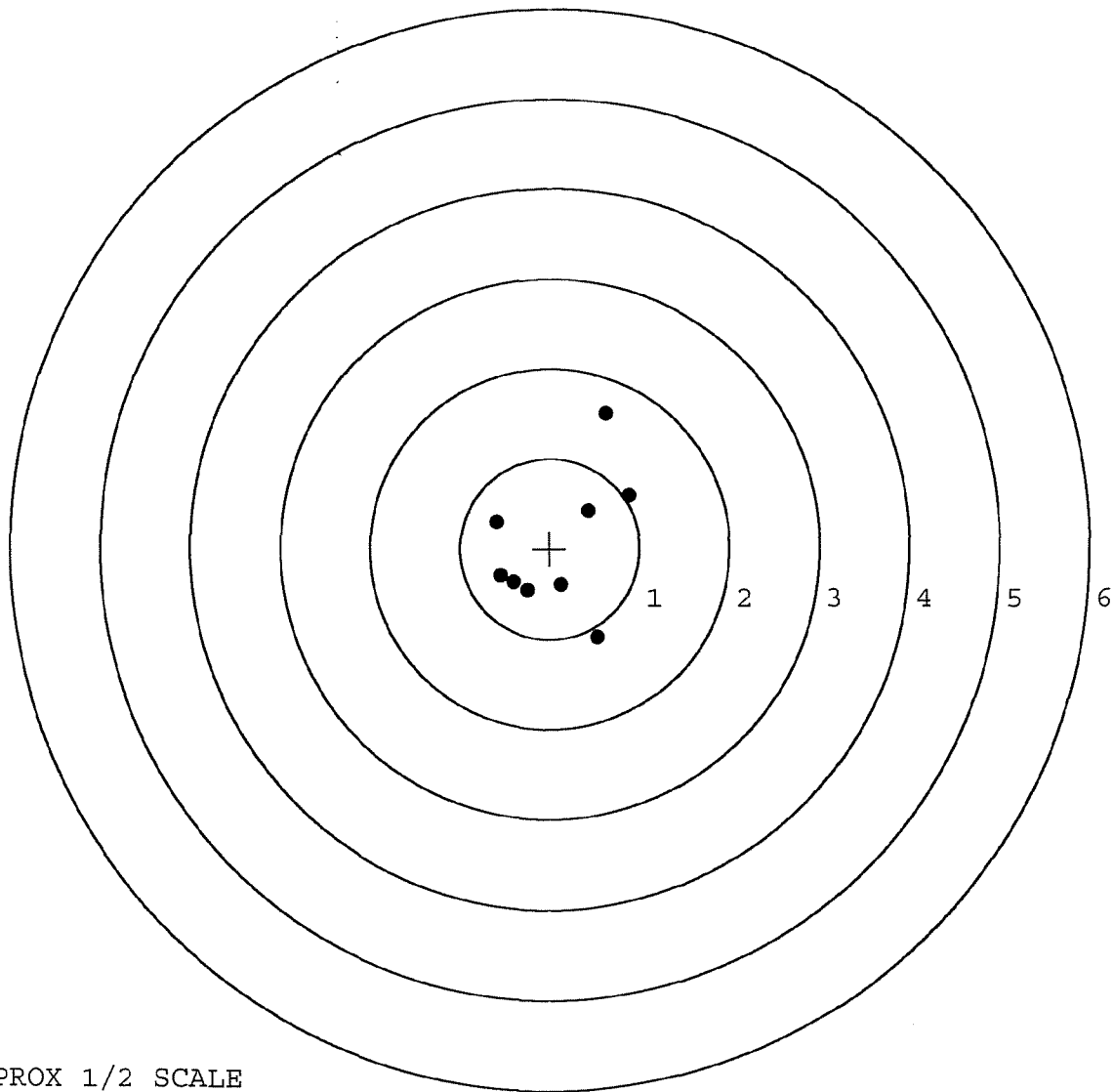
TARGET APPROX 1/2 SCALE

BARBER - M24 0148513

SERIAL NUMBER: G6391087. __0
 TARGET NUMBER: 2
 FILE DATE: 03/02/2005
 FILE TIME: 08:01

POINT#	X	Y
1:	0.527	-0.984
2:	0.130	-0.403
3:	-0.248	-0.461
4:	-0.547	-0.305
5:	-0.599	0.292
6:	0.433	0.415
7:	0.881	0.584
8:	0.631	1.496
9:	-0.406	-0.379

X CENTROID: 0.089
 Y CENTROID: 0.028
 POA TO CENTROID: 0.094
 HORZ SPREAD: 1.480
 VERT SPREAD: 2.480
 GROUP SPREAD: 2.482
 MIN RADIUS: 0.433
 MAX RADIUS: 1.565
 MEAN RADIUS: 0.808
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



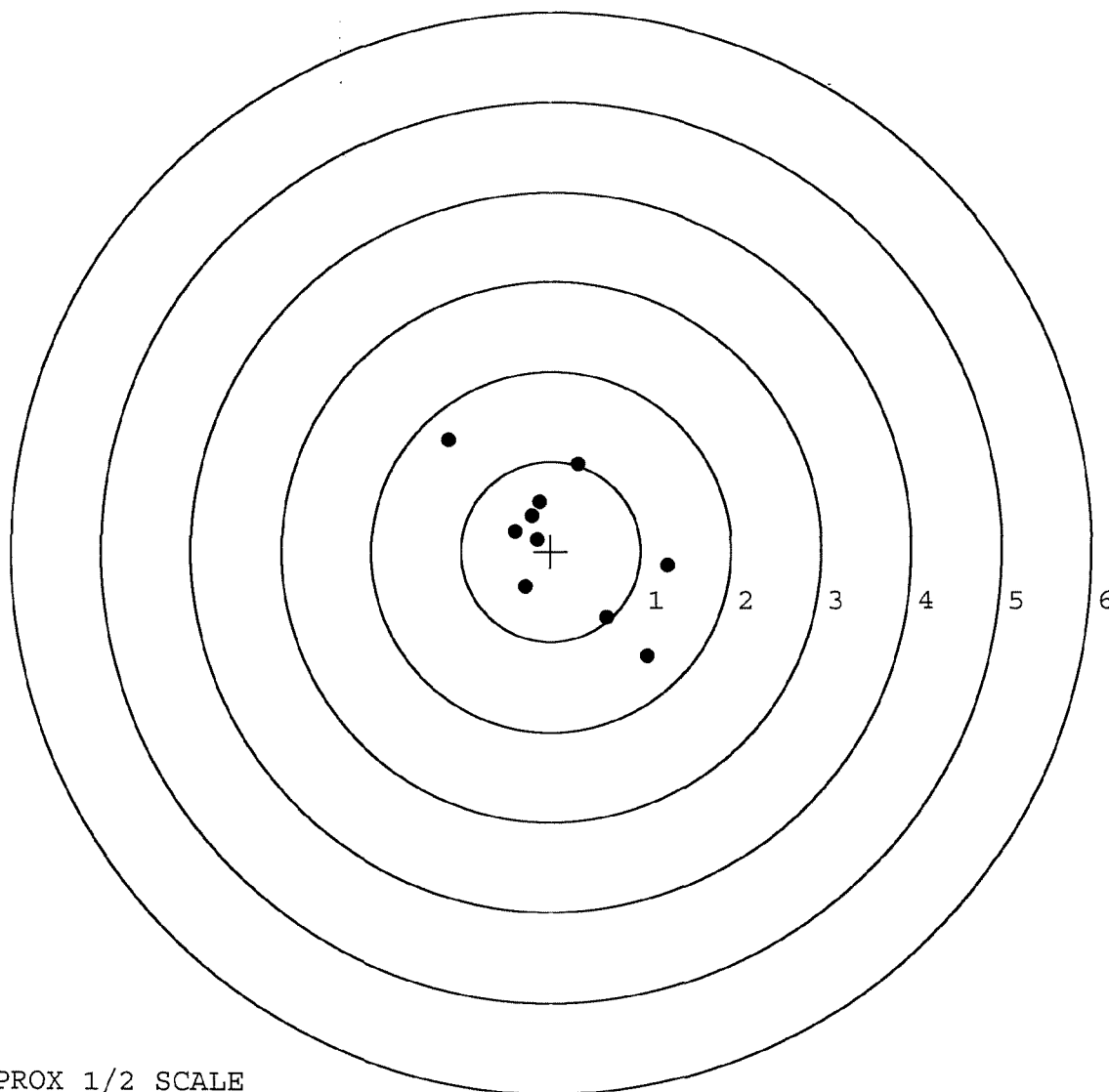
TARGET APPROX 1/2 SCALE

BARBER - M24 0148514

SERIAL NUMBER: G6391087. __0
 TARGET NUMBER: 3
 FILE DATE: 03/02/2005
 FILE TIME: 08:01

POINT#	X	Y
1:	1.073	-1.167
2:	0.624	-0.742
3:	1.300	-0.168
4:	0.313	0.973
5:	-0.133	0.551
6:	-0.406	0.225
7:	-0.150	0.132
8:	-0.282	-0.396
9:	-1.146	1.246
10:	-0.217	0.399

X CENTROID: 0.098
 Y CENTROID: 0.105
 POA TO CENTROID: 0.144
 HORZ SPREAD: 2.446
 VERT SPREAD: 2.413
 GROUP SPREAD: 3.278
 MIN RADIUS: 0.249
 MAX RADIUS: 1.688
 MEAN RADIUS: 0.874
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



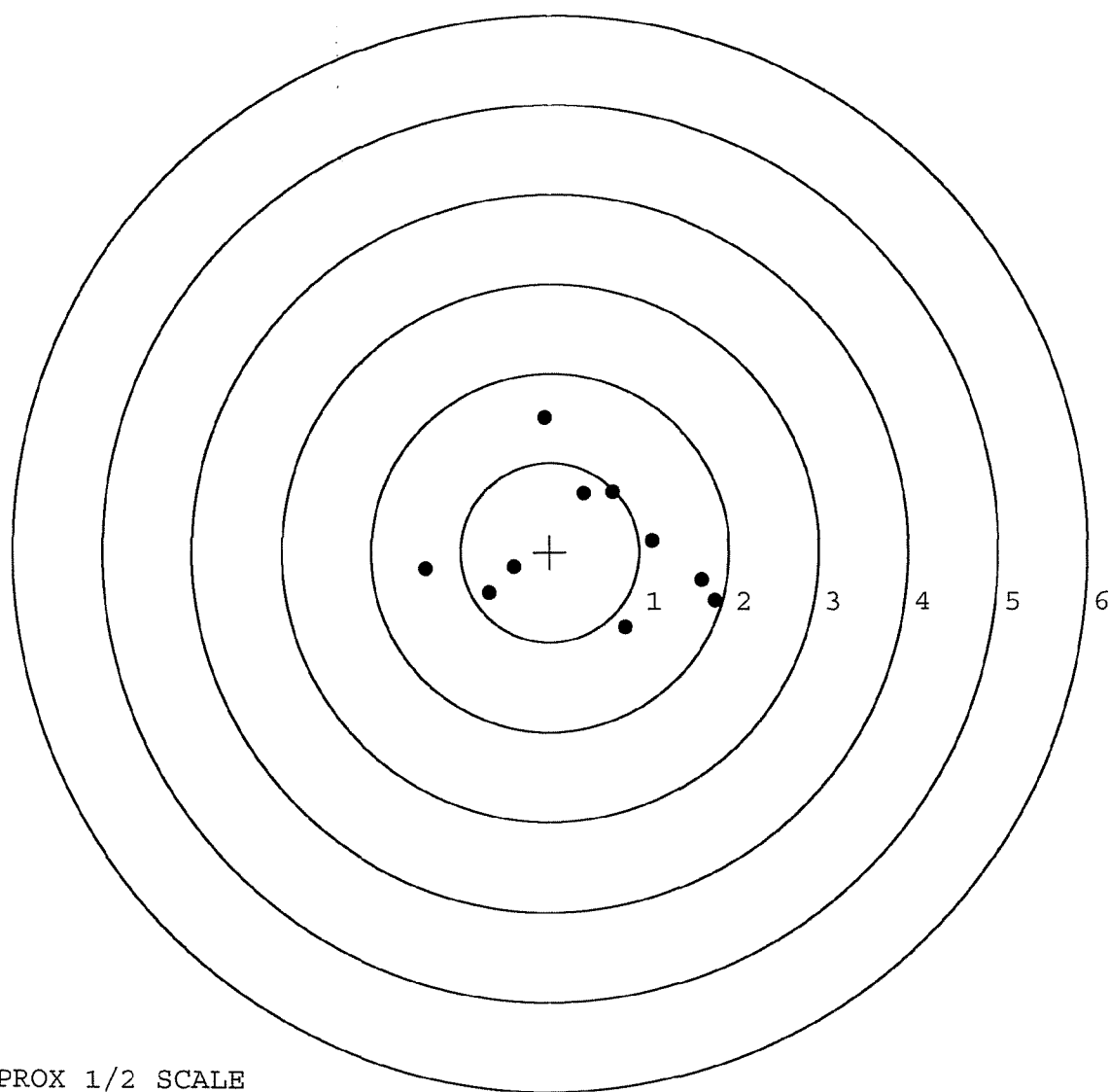
TARGET APPROX 1/2 SCALE

BARBER - M24 0148515

SERIAL NUMBER: G6391087. __0
 TARGET NUMBER: 4
 FILE DATE: 03/02/2005
 FILE TIME: 08:01

POINT#	X	Y
1:	1.846	-0.546
2:	1.146	0.120
3:	0.843	-0.840
4:	0.713	0.671
5:	0.380	0.655
6:	-0.061	1.502
7:	-0.406	-0.170
8:	-0.680	-0.454
9:	-1.391	-0.187
10:	1.694	-0.317

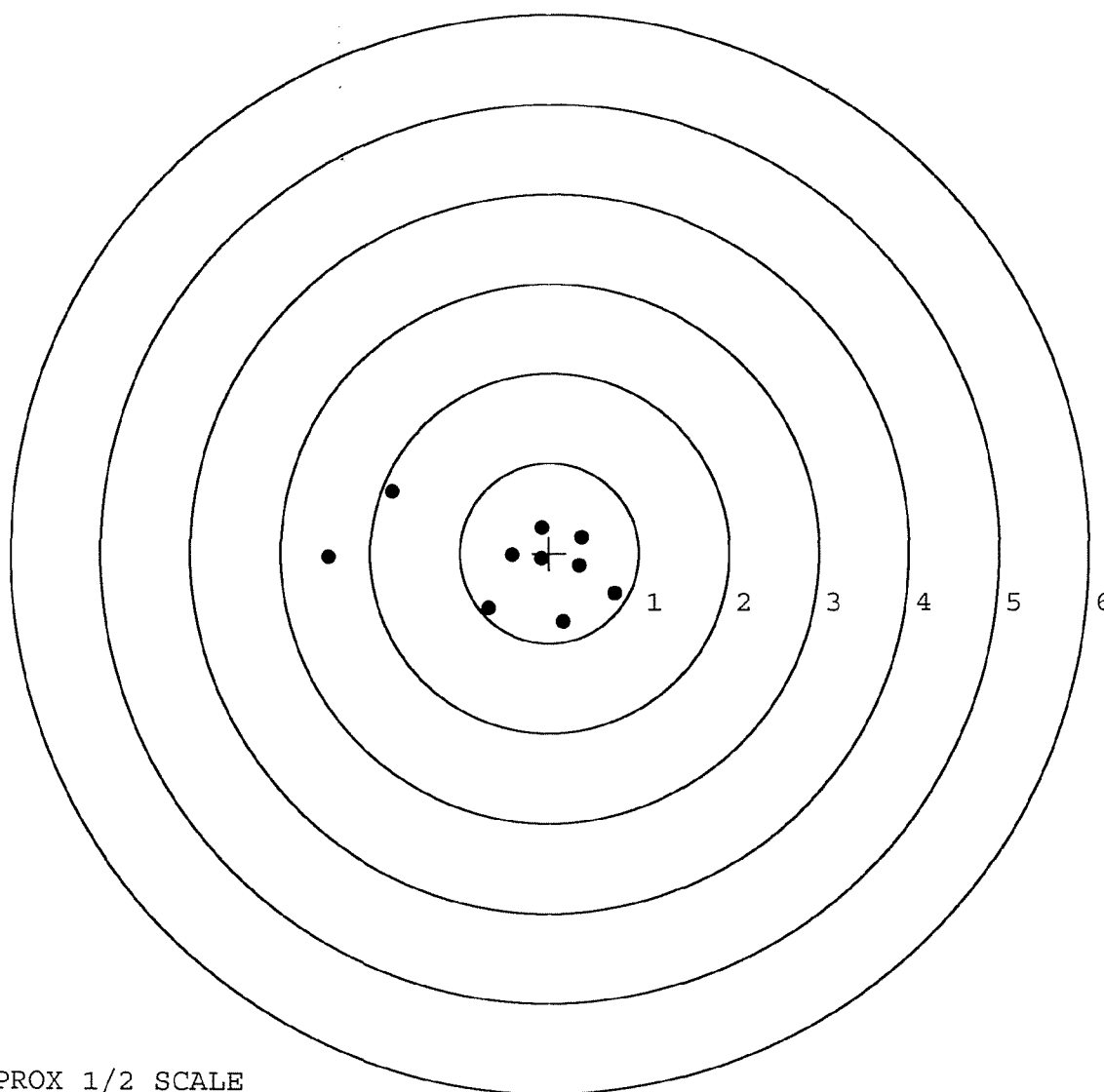
X CENTROID: 0.408
 Y CENTROID: 0.043
 POA TO CENTROID: 0.411
 HORZ SPREAD: 3.237
 VERT SPREAD: 2.342
 GROUP SPREAD: 3.257
 MIN RADIUS: 0.612
 MAX RADIUS: 1.814
 MEAN RADIUS: 1.131
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0148516

SERIAL NUMBER: G6391087. __0	<u>POINT#</u>	<u>X</u>	<u>Y</u>
TARGET NUMBER: 5	1:	0.154	-0.773
FILE DATE: 03/02/2005	2:	0.731	-0.456
FILE TIME: 08:01	3:	-0.682	-0.619
	4:	-0.415	-0.025
X CENTROID: -0.391	5:	-1.756	0.689
Y CENTROID: -0.098	6:	-2.462	-0.051
POA TO CENTROID: 0.403	7:	0.356	0.178
HORZ SPREAD: 3.193	8:	0.337	-0.142
VERT SPREAD: 1.462	9:	-0.087	-0.065
GROUP SPREAD: 3.219	10:	-0.090	0.284
MIN RADIUS: 0.077			
MAX RADIUS: 2.071			
MEAN RADIUS: 0.868			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 2-8-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.29	2.50		2.83	
PULL #2	2.27	2.59		2.66	
PULL #3	2.22	2.47		2.48	
PULL #4	2.28	2.65		2.50	
PULL #5	2.47	2.65		2.51	
TOTAL	11.53	12.86		12.98	
AVERAGE	2.30	2.57		2.59	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.30		
PULL #2	3.29	3.36		
PULL #3	3.34	3.15		
PULL #4	3.26	3.14		
PULL #5	3.26	3.13		
TOTAL	16.49	16.08		
AVERAGE	3.29	3.21		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.25	4.44		4.36
PULL #2	4.40	4.23		4.24
PULL #3	4.36	4.27		4.22
PULL #4	4.39	4.09		4.36
PULL #5	4.38	4.26		4.28
TOTAL	21.78	21.29		21.46
AVERAGE	4.35	4.25		4.29

R & E NUMBER	92748		
SERIAL NUMBER	G6225565 G6391087		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-10-05	RTL
560 A	RE-BARREL	2-12-05	RTL
B	DRILL AND TAP	2-15-05	TRLW
575	ASSEMBLE	2-12-05	RTL
600	PROOF	2-14-05	AC
605	CHECK HEADSPACE	2-14-05	AC
610	DIS-ASSEMBLE GUN	2-14-05	RTL
612	MAGNAFLUX		OPERATOR
615	ROLLMARK CALIBER	2-17-05	CW
618	ROTO-BLAST	2-17-05	LB
620	APPLY COATINGS	2/23/05	HA
625 A	FINAL ASSEMBLY	2-28-05	RTL
B	TRIGGER PULL TEST	3-7-05	RTL
C	SAFETY "ON" FORCE	3-7-05	RTL
D	SAFETY "OFF" FORCE	3-07-05	RTL
E	FIRING PIN INDENT	NA	NA
640	TARGET	3-2-05	AC
655	FINAL INSPECT	3-7-05	RTL
660	PACK	3-7-05	NA
		SHIP DATE	
		QAR INSPECTION DATE	

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00023294** Serial: **C6225565** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 2/20/01 2:19:15 PM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER HHC 3/505TH PIR** **COMMANDER HHC 3/505TH PIR**

Address 1: **BLDG# C7535** **BLDG# C7535**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Condition Notes:

DSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
X	BIPOD	1

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

maglet 2/20/01 2:42 PM CAPS NUM INS SCAL

Start Inb Nag Micr Ar... ExpL Part FBI Ma... 242

Serial Number: **C6225565**

Model: **700**



RE00023294

BARBER - M24 0148520

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225565
29 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .074
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0688
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101042

THE AMR FOR THIS RIFLE IS: 1.266

CENTROIDAL DISTANCES

0 TO	1	.22809
1 TO	2	.319326
1 TO	3	.672001
1 TO	4	.271892
1 TO	5	.181604

1
5
4 <----POA
2
3

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

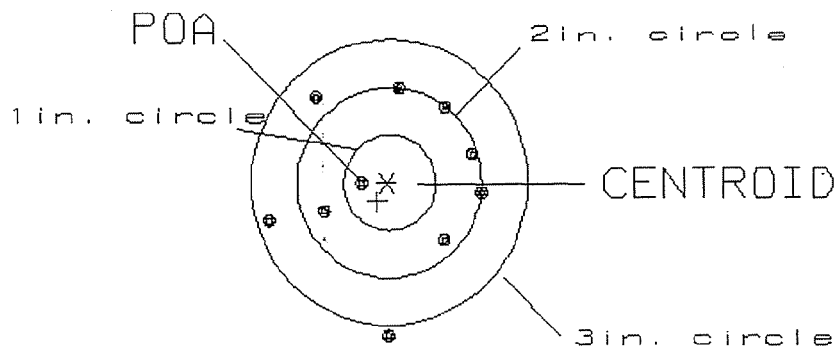
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .228
 MIN RADIUS : .335
 MEAN RADIUS : 1.018
 MAX RADIUS : 1.643
 CENTROID X : .104
 CENTROID Y : .203

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225565.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.31
 VS= 2.63
 GS= 2.67

1
 6
 9

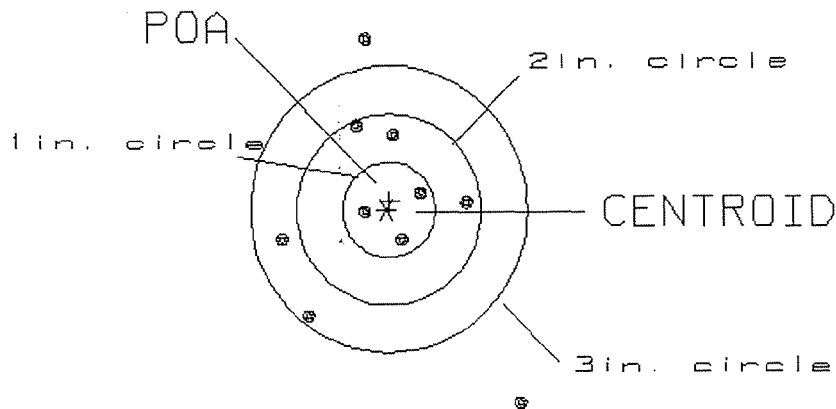
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .091
 MIN RADIUS : .237
 MEAN RADIUS : 1.041
 MAX RADIUS : 2.433
 CENTROID X : -.036
 CENTROID Y : -.084

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225565.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.57

3

VS= 3.77

6

GS= 4.14

8

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

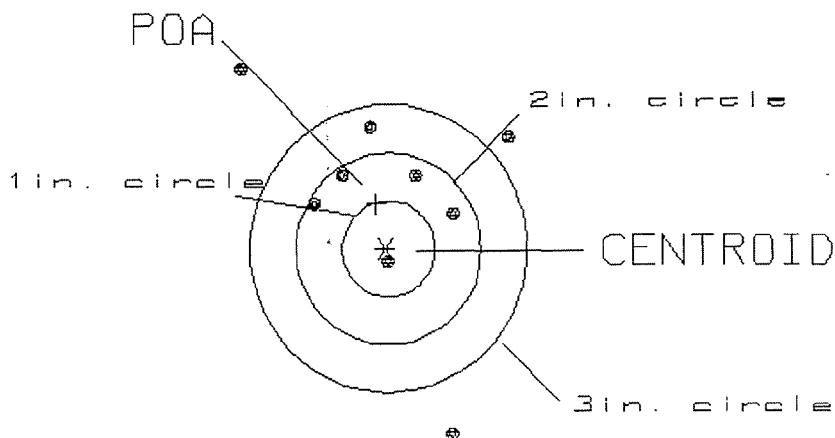
PATTERN #: 3

POA TO CENTROID: .481
 MIN RADIUS : .106
 MEAN RADIUS : 1.573
 MAX RADIUS : 4.672
 CENTROID X : .105
 CENTROID Y : -.469

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225565.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.89
 VS= 6.54
 GS= 6.78

1
 5
 6

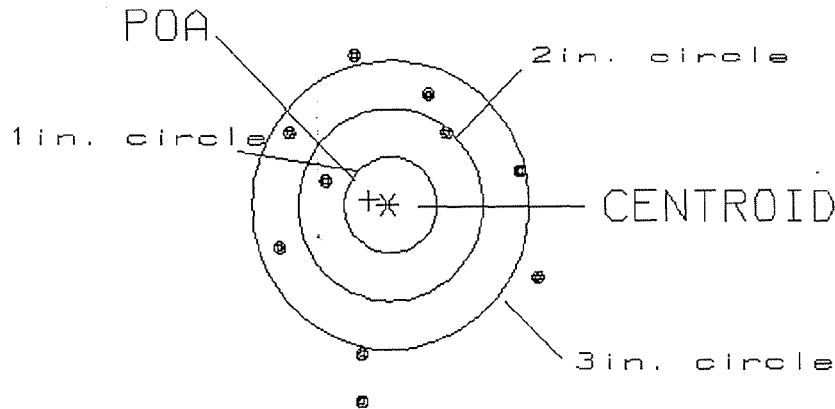
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .207
 MIN RADIUS : .753
 MEAN RADIUS : 1.387
 MAX RADIUS : 2.063
 CENTROID X : .201
 CENTROID Y : -.051

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225565.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.78
 VS= 3.54
 GS= 3.54

0
 2
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

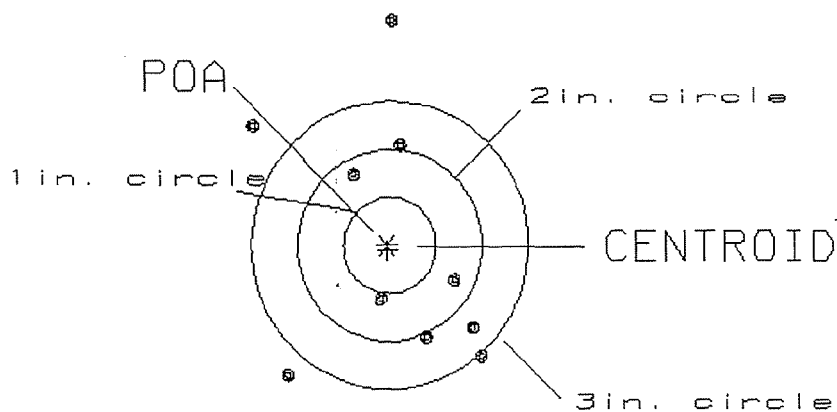
PATTERN #: 5

POA TO CENTROID: .057
 MIN RADIUS : .607
 MEAN RADIUS : 1.313
 MAX RADIUS : 2.349
 CENTROID X : -.004
 CENTROID Y : .057

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225565.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.54
 VS= 3.67
 GS= 3.81

0
 3
 6

Remington[®]

MODEL 700TM 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.

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

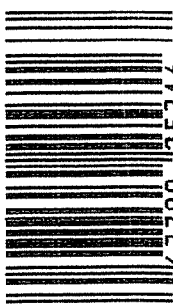
SERIAL NO.
C6225565

ORDER NO.
5716



5716 C6225565

UPC



0 47700 25716 7

C 6225565

GUN SERIAL # 

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		AW
600	Proof	6 27 9 1		AW
607	Check Headspace	6 27 9 1		AW
610	Dis-assemble Gun	6 27 9 1		AW
612	Magnaflux Barrel Action		JUL 1 1991	KCR
614	Magnaflux Bolt		JUL 1 1991	KCR
615	Rollmark Caliber		JUL 1 1991	GS
617	Drill and Tap Sight Holes		JUL 2 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	TB
	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		7-24-91	JY

BARBER - M24 0148528

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	6			7-24-91	DH
	G) Safety Off Force	3	3	3			7-24-91	DH
	H) Trigger Pull Test & Retainability						7-24-91	JH
	I) Firing Pin Indent	.022	.022	.023			7-24-91	DH
	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						7-25-91	DH
	A) Time						7-25-91	DH
	B) Malfunctions						7-25-91	DH
	C) Pierced Primers						7-25-91	DH
	D) Optical Clarity of Scope						7-25-91	DH
645	Inspect for Live Ammo						7-25-91	DH
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.26	2.30	2.40	2.43	2.42	7-26-91	JH
	C) Function							
660	Pack						7/26/91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6225565DATE 7-24-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.47	2.44	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.37	2.38	2.30	
PULL #3	2.55	2.34	2.38	2.40	
PULL #4	2.66	2.34	2.26	2.43	
PULL #5	2.55	2.28	2.38	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.49		
PULL #2	3.42	3.60		
PULL #3	3.45	3.50		
PULL #4	3.55	3.59		
PULL #5	3.58	3.62		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.55	4.48		4.36
PULL #2	4.46	4.59		4.38
PULL #3	4.34	4.54		4.41
PULL #4	4.41	4.54		4.41
PULL #5	4.60	4.40		4.46
TOTAL				
AVG.				

BARBER - M24 0148530

W/LEUPOLD 10X SCOPE
M-24 SNIPER

JJM

ORDER

R

91-12952

HARD CASE

SHIP TO:

D CO 782ND MAINTANCE BA
FORT BRAGG NC
USA 28307

CLEAN/TEST

UFS

TOTAL	100
-------	-----

☐ MARRED

- ① NEW BARREL
- ② RE POWDER COAT TRIGGER GUARDS
- ③ NEW STOCK
- ④ NEW TRIGGER ASSY
- ⑤ NEW FIRING PIN ASSY PN 96007

PARTS

PATTERN

DATE _____

RD6925 REV. 7/90

BARBER - M24 0148990148569

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225565
26 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.473371
1 TO	2	.236932
1 TO	3	.484059
1 TO	4	.637781
1 TO	5	.38008

$\frac{t_3}{t_1}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .214
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.074
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .226433
THE AMP FOR THIS RIFLE IS: .8374

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225565

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

* OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 3.004

VS = 2.402

GS = 3.149

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.227	1.029	1.104
MINIMUM X	:	-1.777	-.993	-.918
MAXIMUM Y	:	1.231	1.190	.844
MINIMUM Y	:	-1.171	-1.212	-1.064
CENTROID X	:	.356	.554	.479
CENTROID Y	:	-.312	-.271	-.419
POA TO CENTROID in.	:	.474	.616	.637
MIN RADIUS	:	.205	.350	.367
MEAN RADIUS	:	1.056	.970	.919
MAX RADIUS	:	1.816	1.362	1.295
HORIZONTAL SPREAD	:	3.004	2.022	2.022
VERTICAL SPREAD	:	2.402	2.402	1.908
EXTREME SPREAD	:	3.149	2.693	2.398
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225565

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in - 2

2in - 6

3in - 10

HS - 2.189

VS - 2.289

GS - 2.468

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.292	.914
MINIMUM X	:	-.968	-.897	-.736
MAXIMUM Y	:	1.191	1.069	1.025
MINIMUM Y	:	-1.098	-.496	-.540
CENTROID X	:	.120	.049	-.112
CENTROID Y	:	-.333	-.211	-.167
POA TO CENTROID in.	:	.354	.217	.201
MIN RADIUS	:	.290	.326	.162
MEAN RADIUS	:	.855	.797	.698
MAX RADIUS	:	1.271	1.339	1.062
HORIZONTAL SPREAD	:	2.189	2.189	1.650
VERTICAL SPREAD	:	2.289	1.565	1.565
EXTREME SPREAD	:	2.468	2.189	1.839
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225565

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 2.378

VS = 1.428

GS = 2.688

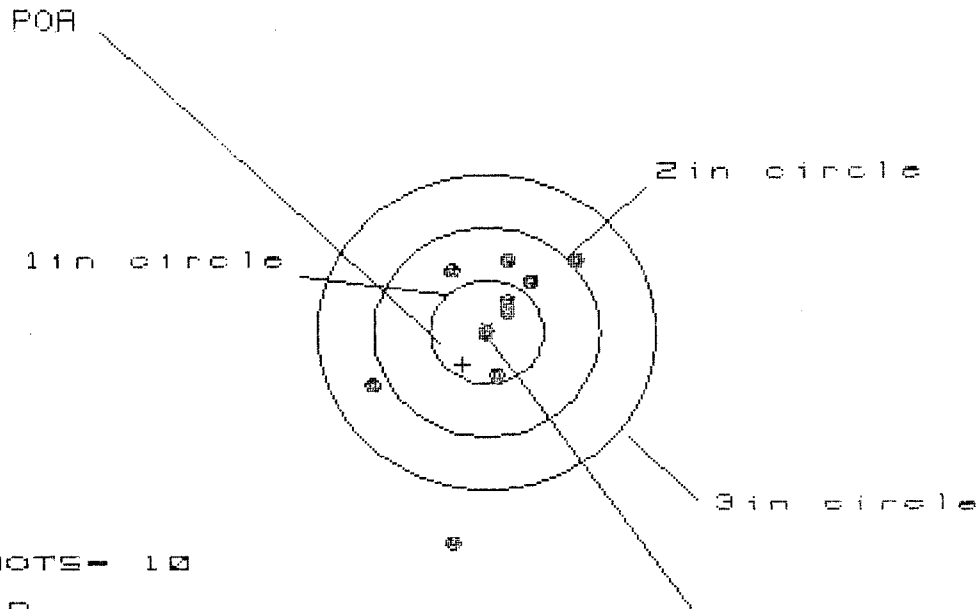
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.783	.606	.668
MINIMUM X	:	-1.595	-.864	-.802
MAXIMUM Y	:	.436	.471	.353
MINIMUM Y	:	-.992	-.944	-.647
CENTROID X	:	.388	.565	.503
CENTROID Y	:	.171	.123	.241
POA TO CENTROID in.	:	.424	.578	.558
MIN RADIUS	:	.267	.237	.200
MEAN RADIUS	:	.745	.628	.549
MAX RADIUS	:	1.653	1.066	.814
HORIZONTAL SPREAD	:	2.378	1.470	1.470
VERTICAL SPREAD	:	1.428	1.415	1.000
EXTREME SPREAD	:	2.688	1.808	1.533
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8225565

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in - 4

2in - 7

3in - 9

HS - 1.784

VS - 2.672

GS - 2.897

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.785	.748	.618
MINIMUM X	:	-.999	-1.036	-.506
MAXIMUM Y	:	.684	.463	.375
MINIMUM Y	:	-1.988	-.709	-.716
CENTROID X	:	.215	.252	.382
CENTROID Y	:	.310	.531	.619
POA TO CENTROID in.	:	.377	.588	.728
MIN RADIUS	:	.080	.170	.037
MEAN RADIUS	:	.727	.534	.406
MAX RADIUS	:	2.016	1.255	.723
HORIZONTAL SPREAD	:	1.784	1.784	1.124
VERTICAL SPREAD	:	2.672	1.172	1.091
EXTREME SPREAD	:	2.897	2.135	1.304
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

25 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225585

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.633

VS= 2.307

GS= 2.681

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.629	.637
MINIMUM X	:	-1.804	-.660	-.652
MAXIMUM Y	:	1.219	1.202	.707
MINIMUM Y	:	-1.088	-1.105	-.955
CENTROID X	:	-.009	.191	.183
CENTROID Y	:	-.206	-.189	-.339
POA TO CENTROID in.	:	.206	.269	.385
MIN RADIUS	:	.119	.232	.181
MEAN RADIUS	:	.804	.680	.592
MAX RADIUS	:	1.810	1.203	.992
HORIZONTAL SPREAD	:	2.633	1.289	1.289
VERTICAL SPREAD	:	2.307	2.307	1.662
EXTREME SPREAD	:	2.681	2.315	1.697
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

SECTION I - EQUIPMENT DATA

CONTROL NUMBER		WORK ORDER NUMBER		WESDC		ORG PD 02		PD AUTHENTICATION											
WORK REQUEST MWO ☐ WARRANTY CLAIM NO.		1a. ORGANIZATION DC 6 782nd Maint Bn				b. LOCATION FB NC 28307			c. UNIT IDENT CODE WABYDO										
225565		3. NOUN NOMENCLATURE 762 Sniper		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136											
FINANCE ACTIVITY ington Arms		a. LEVEL H		8. UTILIZATION CODE		9. MCSR ITEM		a. ERC		b. PACING ITEM		10. HOURS		11. MILES		12. ROUNDS		13. STARTS	
14. FIRE DETECTED DURING (Select one - use ✓ or X) Scheduled maintenance ☐ C Test ☐ E Storage ☐ G Flight ☐ H Other Inspection ☒ D Normal Op ☐ F Inspection ☐ H Other						15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X) ☒ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other													
DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not repairs)																			

stock cracked 2) sling swivels missing 3) finished scuffed

SECTION II - WORK ACCOMPLISHED

[illegible]

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 014899748576

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225565

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RK.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/27/89	RW
	C) Inspect Ejector Hole for Chamfer		2/27/89	RW
	D) Oil Firing Pin Ass'y		2/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/27/89	WB

op. #	BARBER - M24 0148539 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/4	3 1/4	5			3/1/89	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/4			3/1/89	WB
	H) Trigger Pull Test & Retainability						3/28/89	W.B.
	I) Firing Pin Indent	.020	.020	.0205			2/28/89	W.B.
	J) Assemble Stock						3/3/89	RW
	K) Assemble Swivel Studs						8 Mar 89	JS
	L) Attach Front and Rear Sight Assemblies						3/3/89	RW
	M) Iron Sight Alignment						3/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						3/3/89	RW
	O) Attach Scope to Rifle						3/6/89	WB
	P) Detach & Attach Scope 20 Times						3/6/89	WB
640	Gallery Target & Test	60 R	92 L				3-7-89	R
	A) Time						11	R
	B) Malfunctions			NONE			11	R
	C) Pierced Primers			NONE			11	R
	D) Optical Clarity of Scope			OK			11	R
645	Inspect for Live Ammo			NONE			3-17-89	R
655	Final Inspection							
	A) Headspace						8 Mar 89	JS
	B) Trigger Pull	2.57	2.52	2.46	2.46	2.46	8 Mar 89	JS
	C) Function						8 Mar 89	JS
660	Pack						22 Mar 89	JS

5565

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6275285DATE 6 April 89TESTER 418

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.61	2.39	2.16	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.35	2.35	2.08	
PULL #3	2.26	2.21	2.55	2.34	
PULL #4	2.19	2.19	2.52	2.34	
PULL #5	2.13	2.24	2.37	2.16	
TOTAL	11.08	11.60	12.18	11.08	
AVG.	2.216	2.32	2.436	2.216	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	2.89		
PULL #2	3.00	3.05		
PULL #3	2.91	2.96		
PULL #4	2.98	2.92		
PULL #5	2.98	2.98		
TOTAL	14.95	14.80		
AVG.	2.99	2.96		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.05		4.33
PULL #2	4.09	4.32		4.16
PULL #3	4.08	4.41		4.32
PULL #4	4.10	4.18		4.21
PULL #5	4.17	4.22		4.23
TOTAL	20.54	21.18		21.25
AVG.	4.108	4.236		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225565
8 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.559522
1 TO	2	.615435
1 TO	3	.667791
1 TO	4	.437659
1 TO	5	.697103

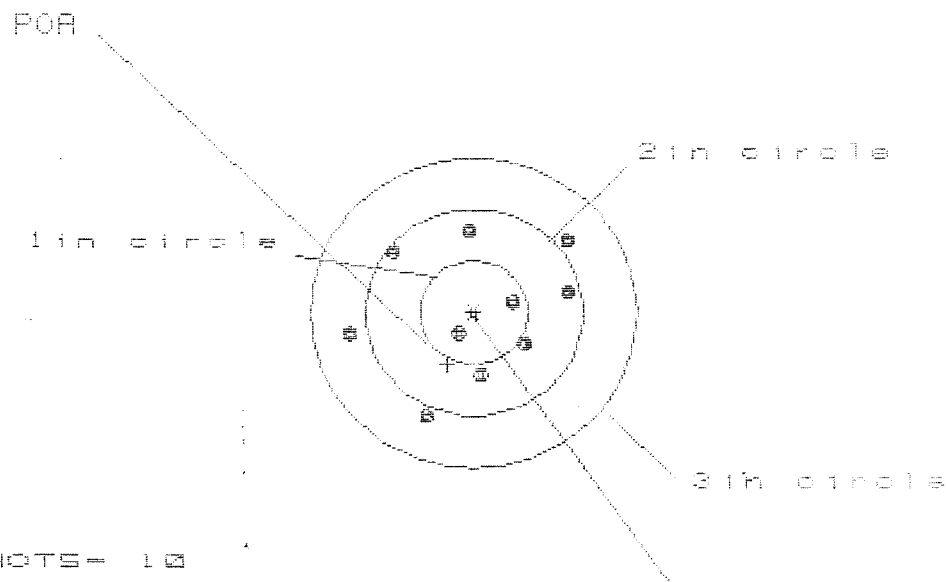
1
#5 (----PDR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .157
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0434
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162883
THE ANR FOR THIS RIFLE IS: .9588

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225585

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.042

VS= 1.840

GS= 2.207

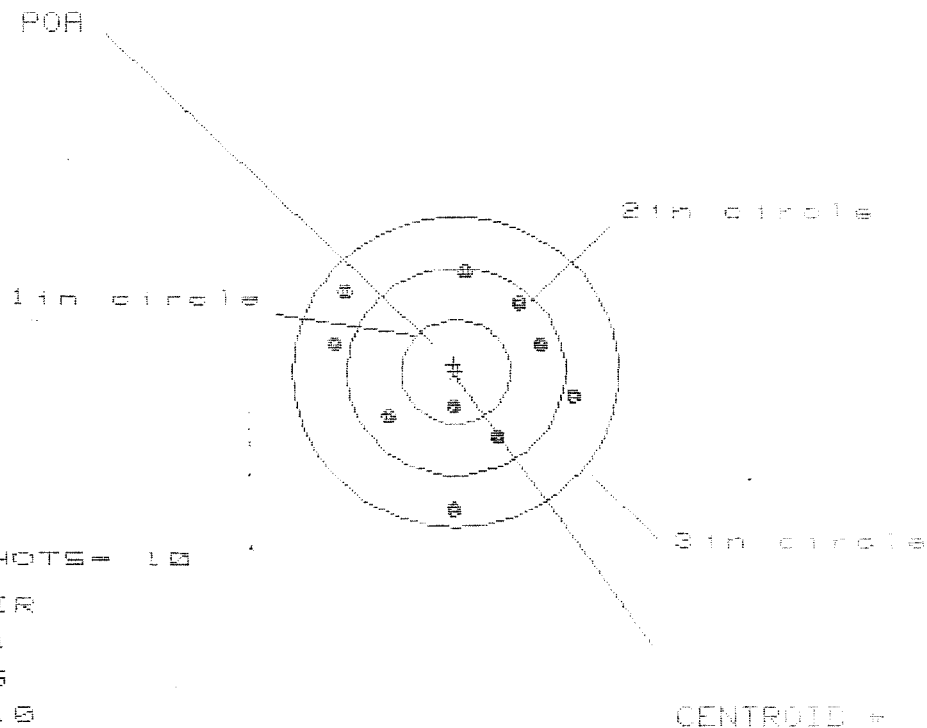
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.899	.772	.789
MINIMUM X	-1.143	-.883	-.787
MAXIMUM Y	.793	.776	.859
MINIMUM Y	-1.047	-1.064	-.981
CENTROID X	.243	.370	.274
CENTROID Y	.504	.521	.438
POA TO CENTROID in.	.559	.639	.517
MIN RADIUS	.252	.221	.231
MEAN RADIUS	.766	.706	.661
MAX RADIUS	1.154	1.195	1.078
HORIZONTAL SPREAD	2.042	1.655	1.576
VERTICAL SPREAD	1.840	1.840	1.840
EXTREME SPREAD	2.207	2.172	1.885
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225565

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.207

VS= 2.336

GS= 2.336

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.115	1.109	.977
MINIMUM X	:	-1.092	-1.098	-1.233
MAXIMUM Y	:	.994	.845	.925
MINIMUM Y	:	-1.342	-.759	-.679
CENTROID X	:	.021	.027	.159
CENTROID Y	:	-.076	.079	-.001
POA TO CENTROID in.	:	.073	.084	.159
MIN RADIUS	:	.343	.492	.447
MEAN RADIUS	:	.942	.899	.833
MAX RADIUS	:	1.343	1.234	1.252
HORIZONTAL SPREAD	:	2.207	2.207	2.207
VERTICAL SPREAD	:	2.336	1.604	1.604
EXTREME SPREAD	:	2.336	2.336	2.272
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	10		

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225585

CENTERFIRE PATTERNS # 3

FOR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.333

VS= 2.635

GS= 3.133

CENTROID +

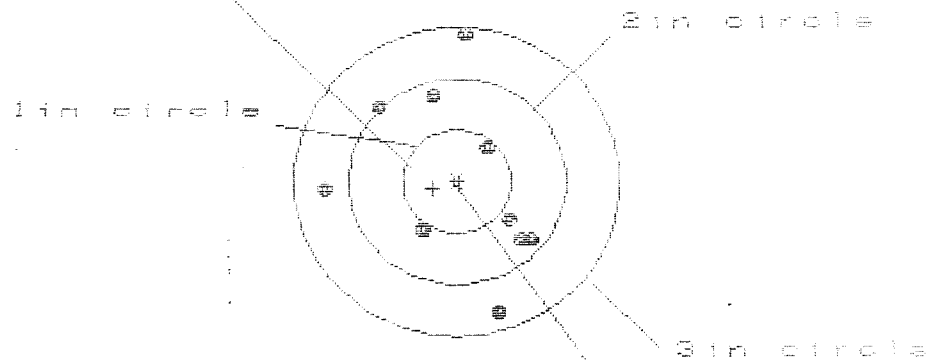
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.230
MINIMUM X	-1.103
MAXIMUM Y	1.364
MINIMUM Y	-1.271
CENTROID X	.351
CENTROID Y	-.155
POA TO CENTROID in.	.384
MIN RADIUS	.510
MEAN RADIUS	1.091
MAX RADIUS	1.620
HORIZONTAL SPREAD	2.333
VERTICAL SPREAD	2.635
EXTREME SPREAD	3.133
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

6 Mar 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225565

CENTERFIRE PATTERNS # 4

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.914

VS= 2.667

GS= 2.686

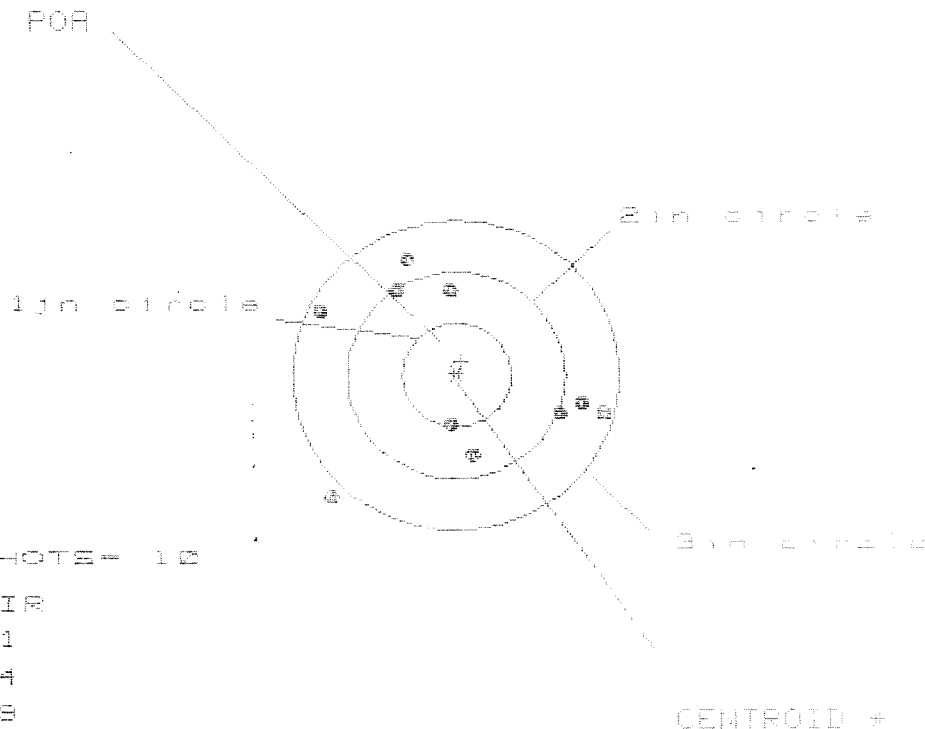
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.719	.725	.772
MINIMUM X	-1.195	-1.189	-1.141
MAXIMUM Y	1.413	1.002	.864
MINIMUM Y	-1.254	-1.097	-.571
CENTROID X	.219	.213	.165
CENTROID Y	.067	-.090	.048
POR TO CENTROID in.	.229	.231	.172
MIN RADIUS	.397	.410	.448
MEAN RADIUS	.988	.834	.798
MAX RADIUS	1.414	1.190	1.144
HORIZONTAL SPREAD	1.914	1.914	1.914
VERTICAL SPREAD	2.667	2.099	1.435
EXTREME SPREAD	2.686	2.311	1.991
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

8 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225585

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.593

VS= 2.231

GS= 2.758

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.310	1.180	1.004
MINIMUM X	-1.283	-1.413	-1.657
MAXIMUM Y	1.086	.959	1.019
MINIMUM Y	-1.145	-.945	-.885
CENTROID X	-.049	.081	.257
CENTROID Y	-.129	-.082	-.062
POR TO CENTROID in.	.138	.081	.263
MIN RADIUS	.432	.575	.588
MEAN RADIUS	1.087	1.017	.933
MAX RADIUS	1.633	1.493	1.283
HORIZONTAL SPREAD	2.593	2.593	1.861
VERTICAL SPREAD	2.231	1.904	1.904
EXTREME SPREAD	2.758	2.758	2.285
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6275565

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
X	Magnaflux Bolt		11/8/89	KMR
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			

BARBER - M24 0148548					DATE	INIT
op. #	OP. NAME	READINGS				
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.0205	.021	.021	11-14-84	JLP
	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				11/14/84	DH
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection				11/15/84	GS
	A) Headspace					
	B) Trigger Pull	3.27	2.21	2.21	2.13	2.28
	C) Function				11/15/84	GS
660	Pack				12/20/84	WB

PD AUTHENTICATION

c. UNIT IDENT CODE	
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WABYDO

6. NATIONAL STOCK NUMBER

100-01-240-2136

13. STARTS

15. FIRST INDICATION OF TROUBLE (Select one - use $\checkmark$ or X)

790 Out of Adjustment

	Other
--	-------

19. AMS ACCOUNT CODE

☐ 3 CONTRACTOR

QTY	PARTS COST	h
1	1.00	1.00
2	2.00	2.00
3	3.00	3.00
4	4.00	4.00
5	5.00	5.00
6	6.00	6.00
7	7.00	7.00
8	8.00	8.00
9	9.00	9.00
10	10.00	10.00
11	11.00	11.00
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95	95.00	95.00
96	96.00	96.00
97	97.00	97.00
98	98.00	98.00
99	99.00	99.00
100	100.00	100.00

 k

7. TOTAL PARTS COST	
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22. ☐ DATA TRANSCRIBED

27. ACCEPTED BY

100

MILITARY DATA

☐ D Evacuated

	E	Cannibalization
--	---	-----------------

DATE: _____

TO: _____

FROM: **FRED MARTIN**
Remington Arms
Ilion, NY 13357
(315) 895-3413

Commander

505TH PIR INF

3RD BN

Co "C" Bldg 2050

Ft. BRAGG NC

28307-5006

0 622 5565

W52H096180 H244

W36 G K G

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-20610

INITIAL
FPS

CUSTOMER ORDER NO.

M-24

W/ULTRA 10X-M3A SCOPE

DATE RECEIVED
09/17/96

DATE OPENED
09/17/96

DATE CODE

SERIAL NUMBER
C6225565

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES W/STUDS

SCOPE BASE

HARD CASE

FROM:

TRANSPORTATION OFFICER
ROCK ISLAND ARSENAL
BLDG 299 (SIORI-1ST
ROCK ISLAND

IL 61299

SHIP TO:

TRANSPORTATION OFFICER
ROCK ISLAND ARSENAL
BLDG 299 (SIORI-1ST
ROCK ISLAND

IL
61299

CUST NO: 145587 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

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

W52H096 180 H244

PARTS

COMMENTS

Barrel - 96003
Stock - 96018

Re powder coat Trigger Guard
Assy Front & Rear Sight Bases
Re zinc Scope Base, Rings
& Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 042499148590

WEAPONS REGISTER

DATE: 08 Mar 1996STOCK # 1005-01-240-2136LOCATION: 15-1-208-21ABOX # 2 QTY _____ COND. F

WEAPONS ACCEPTANCE

DOC# W36QZ453636003A LINES 1SIORI-IOR W Jhe 03/08/96

DOC# _____ LINES _____

SIORI-IOW Returner 03/08/96

DOC# _____ LINES _____

SIORI-IOI Z Bann

DOC# _____ LINES _____

DOC# _____ LINES _____

1.	21.	41.	61.	81.
2.	22.	42.	62.	82.
3.	23.	43.	63.	83.
4.	24.	44.	64.	84.
5.	25.	45.	65.	85.
6.	26.	46.	66.	86.
7.	27.	47.	67.	87.
8.	28.	48.	68.	88.
9.	29.	49.	69.	89.
10.	30.	50.	70.	90.
11.	31.	51.	71.	91.
12.	32.	52.	72.	92.
13.	33.	53.	73.	93.
14.	34.	54.	74.	94.
15.	35.	55.	75.	95.
16.	36.	56.	76.	96.
17.	37.	57.	77.	97.
18.	38.	58.	78.	98.
19.	39.	59.	79.	99.
20.	40.	60.	80.	100.

M/F: S/N C6225565
REPAIR/RETURN DAAA09-92-C-0843
DOC NO W52H096249H244 TO
REMINGTON.

CONTRACTORS INFO
UPON RECEIPT OF MATERIEL
CONTACT RITA REDDEN
DSN 793-5711

100 100 100 100

BARBER GOVERNMENT BILL OF LADING

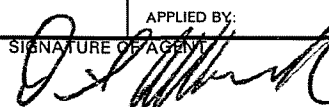
SHIPPING
ORDER

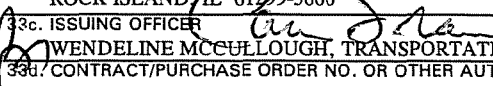
B/L
NO.

G-7944696

1. TRANSPORTATION COMPANY TENDERED TO EMERY WORLDWIDE		2. SCAC EWCF	3. DATE B/L PREPARED 96.09.11	4. ROUTE ORDER/RELEASE NUMBER 0262500161
5. DESTINATION (Name, address and ZIP code) XR REMINGTON ARMS COMPANY INC FABRICATED PRODUCTS DEPT 14 HOEFLE AVE ILION, NY 13357-1816		6. SPLC (Dest.) 172856000	8. ORIGIN (Name, address and ZIP code) TRANSPORTATION OFFICER ROCK ISLAND ARSENAL BLDG 299 (SIORI-IST) ROCK ISLAND, IL 61299-5000	
		7. SPLC (Orig.) 386250250		
9. CONSIGNEE (Name, address and ZIP code of installation) XR REMINGTON ARMS COMPANY INC FABRICATED PRODUCTS DEPT 14 HOEFLE AVE ILION, NY 13357-1816		10. GBLOC (Cons.) IOOI CMAH2W	11. SHIPPER (Name, address and ZIP code) TRANSPORTATION OFFICE ROCK ISLAND ARSENAL BLDG 102 (SIORI-IST) (309) 782-1363 ROCK ISLAND, IL 61299-5000 W52H1C	
12. APPROPRIATION CHARGEABLE 2162020 6D 6D02 P421010.12 (TML) 2217 S11116		13. BILL CHARGES TO (Dept./agency, bureau/office mailing address and ZIP code) DEFENSE FINANCE AND ACCOUNTING SVC INDIANAPOLIS CENTER TRANSPORTATION OPS. (DFAS-I-THA) INDIANAPOLIS, IN 46249-0611		
14. VIA (Route shipment when advantageous to the Government)		AGENCY LOC CODE W53QRD		
15. MARKS AND ANNOTATIONS (if extra services are ordered, see Administrative Directions No. 2 on reverse) EQUIPMENT 1 CS: DOD CONSTANT SURVEILLANCE SERVICE AUTH# CS 12DK0034 (111) SHIPPER TO LOAD AND CONSIGNEE TO UNLOAD. TP:1 DDD:96.09.13 GLAM-02-6250016-01				

16. PACKAGES		17. HM	18. DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description)	19. WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				Services	Rate	Charges
			CLASSIFICATION ITEM NO. 999913 FAK, RVNE \$2.50 PER LB M/F: S/N C6225565 REPAIR/RETURN DAAA09-92-C-0843 DOC NO W52H096248H244 TCN: W52H096248H244XXX CU:22.0 1J DIM: 0050L0040W0019H RIFLE NSN: 1005-01-240-2136				
1	PT			155			
1	PT		TOT QTY:155 P CU:22.0	155	TOTAL CHARGES		

20. TARIFF/SPECIAL RATE AUTHORITY EWCF 000002-00		21. PICKUP SERV. FURNISHED ☒ YES VEHICLE FULLY LOADED ☐ YES		SHIPPER'S INITIALS CF	22. CARRIER WAY/FREIGHT BILL NO. AND DATE	
23. STOP THIS SHIPMENT AT		24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS				
		INITIALS & NO.	SEAL NUMBERS	LENGTH/CUBE	MARKED CAPACITY	DATE FURNISHED
		EWCF:		ORDERED	FURNISHED	
FOR:		APPLIED BY:			ORDERED	FURNISHED
25. CARRIER'S PICKUP DATE (Year, month, & day) 96.09.12		26a. SIGNATURE OF AGENT 		26b. PER EWCF	B/L NUMBER G-7944696	
27. MODE B	28. ESTIMATE 777	29. NO. OF CLS/TLS 1	30. TYPE RATE 9	31. PSC CS	32. REASON Received by the transportation company named above, subject to conditions named on the reverse hereof, the property hereinafter described, in apparent good order and condition (contents and value unknown), to be forwarded to destination by the said company and connecting lines, there to be delivered in like good order and condition to said consignee.	

FOR USE OF ISSUING OFFICE		IMPORTANT	
33a. ISSUING OFFICE (Name and complete address) TRANSPORTATION OFFICE ROCK ISLAND ARSENAL BLDG 102 (SIORI-IST) (309) 782-1363 ROCK ISLAND, IL 61299-5000		33b. GBLOC GLAM	- THE ORIGIN CARRIER OR ITS AGENT IS TO RECEIVE: U.S. Government Bill of Lading-Original, SF 1103 This Shipping Order, SF 1104 U.S. Government Freight Waybill-Original, SF 1105 U.S. Government Freight Waybill-Carrier's Copy, SF 1106 - THE ORIGIN CARRIER OR ITS AGENT IS NOT TO RECEIVE THE CONSIGNEE'S MEMORANDUM COPY, SF 1103-B.
33c. ISSUING OFFICER  WENDELINE MCCULLOUGH, TRANSPORTATION OFFICER		33e. DATED	
33d. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY			
33f. FOB POINT NAMED IN CONTRACT			

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1104-121-01

PINK

STANDARD FORM 1104 (REV. 4-85)
PRESCRIBED BY GSA, FPMR (41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 042499148596

21 DAY TURN - AROUND

*Barrel
Stock*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225565

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP	<i>9/18/96</i>	
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>9/19/96</i>	<i>Rev</i>
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
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	<i>10/15/96</i>	<i>JD</i>
655	FINAL INSPECT	<i>10/18/96</i>	<i>Rev</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225565

DATE REC'D: 9/17/96

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 # 06225565
3 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.328258
1 TO	2	.580195
1 TO	3	.228528
1 TO	4	.287903
1 TO	5	.0823893

$\frac{2}{\pi}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1422
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1114
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .18064

THE AMR FOR THIS RIFLE IS: 1.111

2 Jan 1968

FILE: /PATTERNING/CENTERFIRE PATT/08225565

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS = 4.824

VS = 2.367

CS = 4.846

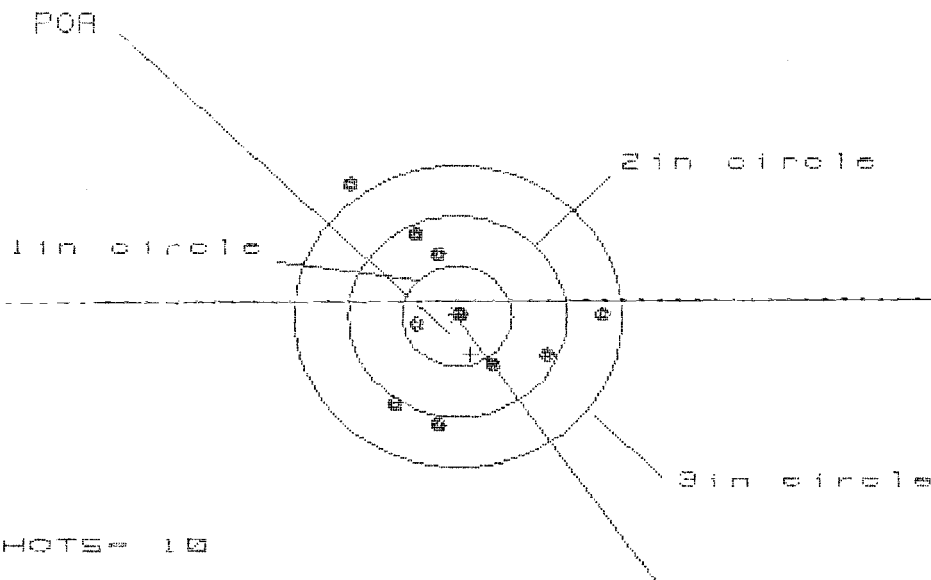
PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.584	1.587	1.342

MINIMUM X	-2.240	-1.953	-1.616
MAXIMUM Y	1.169	1.036	.927
MINIMUM Y	-1.198	-.927	-1.036
CENTROID X	.328	.041	.285
CENTROID Y	.013	.146	.255
POA TO CENTROID in.	.329	.152	.382
MIN RADIUS	.275	.268	.240
MEAN RADIUS	1.208	1.016	.825
MAX RADIUS	2.848	2.137	1.632
HORIZONTAL SPREAD	4.824	3.540	2.959
VERTICAL SPREAD	2.367	1.963	1.963
EXTREME SPREAD	4.846	4.019	3.176
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225565

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.314

VS= 2.399

GS= 2.649

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.360	1.254	.981
MINIMUM X	-.954	-.723	-.566
MAXIMUM Y	1.320	.994	1.016
MINIMUM Y	-1.079	-.933	-.911
CENTROID X	-.123	-.017	-.174
CENTROID Y	.378	.232	.210
POA TO CENTROID in.	.398	.232	.272
MIN RADIUS	.073	.222	.248
MEAN RADIUS	.873	.789	.714
MAX RADIUS	1.628	1.266	1.063
HORIZONTAL SPREAD	2.314	1.977	1.467
VERTICAL SPREAD	2.399	1.927	1.927
EXTREME SPREAD	2.649	2.160	1.938
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225565

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.977

VSS= 2.468

CS= 3.179

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.689
MINIMUM X	-1.288
MAXIMUM Y	1.003
MINIMUM Y	-1.465
CENTROID X	.124
CENTROID Y	.116
POA TO CENTROID in.	.170
MIN RADIUS	.454
MEAN RADIUS	1.129
MAX RADIUS	1.712
HORIZONTAL SPREAD	2.977
VERTICAL SPREAD	2.468
EXTREME SPREAD	3.179
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225565

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

MS= 4.462

VS= 2.387

GS= 4.566

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.676	1.367	.780
MINIMUM X	-2.786	-1.438	-1.267
MAXIMUM Y	.778	.757	.803
MINIMUM Y	-1.609	-1.630	-1.536
CENTROID X	.046	.355	.184
CENTROID Y	-.045	-.024	-.118
POA TO CENTROID in.	.064	.356	.219
MIN RADIUS	.442	.279	.287
MEAN RADIUS	1.213	.964	.904
MAX RADIUS	2.792	1.662	1.544
HORIZONTAL SPREAD	4.462	2.805	2.047
VERTICAL SPREAD	2.387	2.387	2.339
EXTREME SPREAD	4.566	2.925	2.489
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225565

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 9

HS = 2.082

VS = 2.946

GS = 3.547

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.072	1.162	1.063
MINIMUM X	-1.010	-.891	-.990
MAXIMUM Y	1.788	1.349	1.230
MINIMUM Y	-1.158	-.960	-1.029
CENTROID X	.336	.217	.316
CENTROID Y	.095	-.103	.017
POR TO CENTROID in.	.350	.241	.316
MIN RADIUS	.262	.493	.339
MEAN RADIUS	1.130	1.002	.967
MAX RADIUS	2.084	1.502	1.351
HORIZONTAL SPREAD	2.082	2.053	2.053
VERTICAL SPREAD	2.946	2.309	2.259
EXTREME SPREAD	3.547	2.723	2.271
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		