

C6611726

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00048926** Serial: 66611726 Model 700 Center Fire Caliber 7.62 NATO SWS M24 Produced: 06/19/1991 Repairman: Status: Closed 7/9/02 8:06:33 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **US ARMY TRANSPORTATION CTR** **US ARMY TRANSPORTATION CTR**

Address 1: **ATTN ATZF NS** **ATTN ATZF NS**

Address 2:

City: **FORT EUSTIS** **FORT EUSTIS**

State: **VA** Zip Code: **23604** Country: **US** State: **VA** Zip Code: **23604** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A016	Scope Mounts	2
A045	Bi Pod	1

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

7/9/02 4:23 PM CAPS NUM INS SCFL

Start Inbox - Mail Calendar Exploring ... Arms Se... Parts-Orde... FAC194-2 4:23 PM

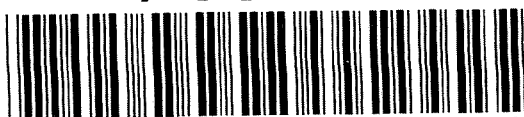
C-6611726

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

R & E NUMBER <u>48924</u>			
SERIAL NUMBER <u>C661174</u>			
LOG-IN DATE <u>7/8/02</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE <u>New bolt</u>	<u>7/8/02</u>	<u>RL</u>
600	PROOF	<u>7-10-02</u>	<u>AC</u>
605	CHECK HEADSPACE		
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	TEST <u>Test</u>	<u>7-10-02</u>	<u>AC</u>
655	FINAL INSPECT	<u>7-10-02</u>	<u>RL</u>
660	PACK	<u>7-10-02</u>	<u>DA</u>
		SHIP DATE	
		QAR INSPECTION DATE	

Serial Number: C6611726

Model: 700



RE00031014

Arms Services Repair & Estimate System

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

Repair Number: RE00031014 Serial: C6611726 Model: 700 M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: New 8/20/01 10:50:20 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: US ARMY TRANS CENTER US ARMY TRANS CENTER

Address 1: ATTN ATZF NS 27 ATTN ATZF NS 27

Address 2: PO Box: PO Box:

City: FORT EUSTIS FORT EUSTIS

State: VA Zip Code: 23604 Country: US State: VA Zip Code: 23604 Country: US

FFL: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qt
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search Refresh Close

nagle 8/20/01 12:00 PM CAPS NUM INS SCFL

Start Inbox - Microsoft Ex... Nagle, Thomas J. Microsoft Excel - S... Arms Services ... 12:00 PM

Serial Number: C6611726

Model: 700



RE00031014

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611726
28 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1176
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1882
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .221921

THE AMR FOR THIS RIFLE IS: 1.127

CENTROIDAL DISTANCES

0 TO	1	.150443
1 TO	2	.491864
1 TO	3	.518256
1 TO	4	.399271
1 TO	5	.482597

3 4
5 +1 <----POA

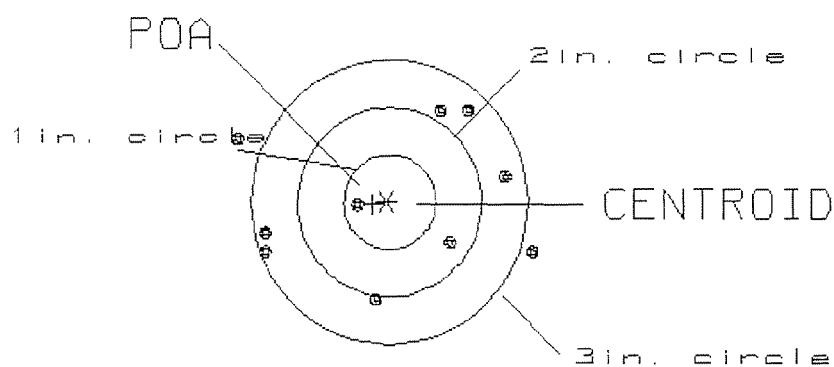
PATTERN #: 1

POA TO CENTROID: .151
 MIN RADIUS : .373
 MEAN RADIUS : 1.224
 MAX RADIUS : 1.786
 CENTROID X : .148
 CENTROID Y : .027

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611726

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.25

1

VS= 2.02

2

GS= 3.45

8

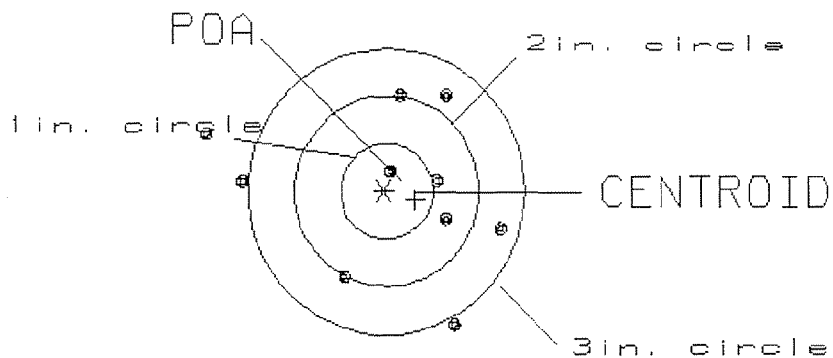
PATTERN #: 2

POA TO CENTROID: .352
 MIN RADIUS : .171
 MEAN RADIUS : 1.120
 MAX RADIUS : 2.078
 CENTROID X : -.339
 CENTROID Y : .096

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611726

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.23

1

VS= 2.38

4

GS= 3.41

7

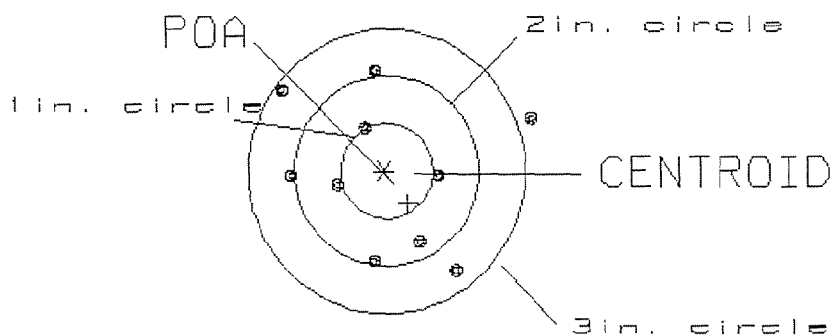
PATTERN #: 3

POA TO CENTROID: .432
 MIN RADIUS : .483
 MEAN RADIUS : .983
 MAX RADIUS : 1.606
 CENTROID X : -.262
 CENTROID Y : .344

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611726

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.62

1

VS= 2.02

5

GS= 2.65

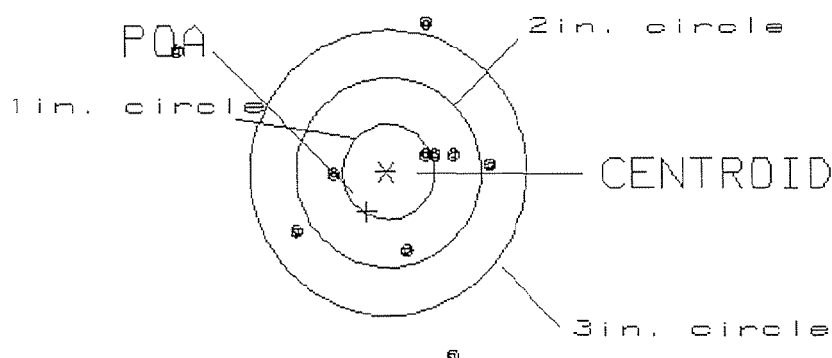
9

PATTERN #: 4
 POA TO CENTROID: .468
 MIN RADIUS : .473
 MEAN RADIUS : 1.161
 MAX RADIUS : 2.613
 CENTROID X : .199
 CENTROID Y : .423

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611726

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.40

1

VS= 3.40

5

GS= 4.30

7

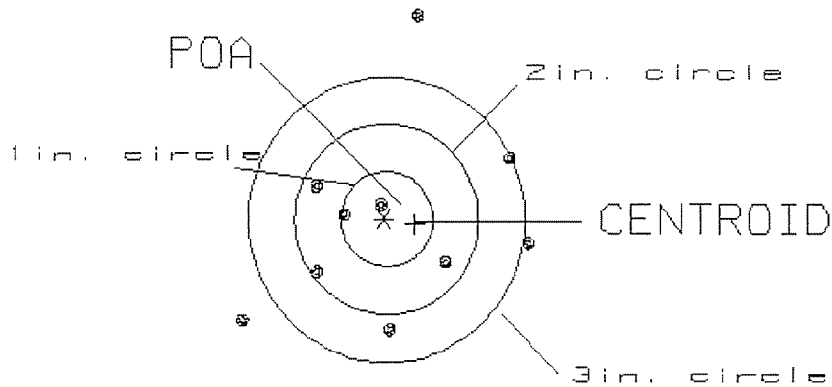
PATTERN #: 5

POA TO CENTROID: .338
 MIN RADIUS : .202
 MEAN RADIUS : 1.149
 MAX RADIUS : 2.143
 CENTROID X : -.334
 CENTROID Y : .051

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611726

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.08
 VS= 3.24
 GS= 3.73

1
 5
 7

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

R & E NUMBER 31014			
SERIAL NUMBER C661 1726			
LOG-IN DATE 8/20/01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/21/01	PTK
560 A	RE-BARREL AT CUSTOM SHOP	8/21/01	BWT
B	DRILL AND TAP	8/21/01	BWT
C	POLISH	8-22-01	GD
575	ASSEMBLE	8-22-01	GR
600	PROOF	8-22-01	RW
605	CHECK HEADSPACE	8-22-01	RW
610	DIS-ASSEMBLE GUN	8-22-01	RW
612	MAGNAFLUX	8-23-01	DRD
615	ROLLMARK CALIBER	8-22-01	RW
618	ROTO-BLAST	8/23	
620	APPLY COATINGS	8-24-01	TA
625 A	FINAL ASSEMBLY	8-27-01	GR
B	TRIGGER PULL TEST	8-27-01	N/A
C	SAFETY "ON" FORCE	8-27-01	N/A
D	SAFETY "OFF" FORCE	8-27-01	N/A
E	FIRING PIN INDENT	8-27-01	N/A
640	TARGET	8/28/01	AC
655	FINAL INSPECT	8-28-01	GR
660	PACK	8-30-01	DR
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

In: C 661 1726

DATE REC'D: 8-20-01

DATE RET'D: 9-6-01

EDITOR: RTH

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:

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 3/4	5			3-22-91	KS
	G) Safety Off Force	23/4	2 1/2	23/4			3-22-91	KS
	H) Trigger Pull Test & Retainability						3-22-91	RW
	I) Firing Pin Indent	.0215	.021	.0215			3-22-91	K.S.
	J) Assemble Stock						3/25/91	KS
	K) Assemble Swivel Studs						4/5/91	JL
	L) Attach Front and Rear Sight Assemblies						3/25/91	K.S.
	M) Iron Sight Alignment						3/25/91	KS.
	N) Detach Front & Rear Sights & place in numbered container						3/25/91	KS
	O) Attach Scope to Rifle						3/25/91	K.S.
	P) Detach & Attach Scope 20 Times						3/25/91	K.S.
640	Gallery Target & Test						4/4/91	KS
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KS
645	Inspect for Live Ammo						4/4/91	KS
655	Final Inspection							
	A) Headspace						4/5/91	JL
	B) Trigger Pull	2.45	2.36	2.27	2.43	2.29	4/5/91	JL
	C) Function						4/5/91	JL
660	Pack						6-18-91	AF

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611726

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18	21	KR
	Magnaflux Bolt			KR
615	Rollmark Caliber	1 18 1 18	21	GS
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	TH
	Apply Coating (Bolt)			
625	Final Assembly		3/8/91	KL
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KL
	C) Inspect Ejector Hole for Chamfer		3/8/91	KL
	D) Oil Firing Pin Ass'y		3/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		3-22-91	RW

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611726

DATE 3/22/91

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.35	2.15	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.24	2.09	2.36	
PULL #3	2.33	2.19	2.17	2.27	
PULL #4	2.18	2.15	2.17	2.43	
PULL #5	2.39	2.17	2.05	2.29	
TOTAL	11.48	11.10	10.63		
AVG.	2.29	2.22	2.13		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.13		
PULL #2	3.21	3.04		
PULL #3	3.12	3.03		
PULL #4	3.24	3.06		
PULL #5	3.38	3.09		
TOTAL	16.05	15.35		
AVG.	3.21	3.07		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.07		4.17
PULL #2	4.00	4.01		4.22
PULL #3	4.00	4.12		4.25
PULL #4	4.13	4.03		4.14
PULL #5	4.11	4.15		4.20
TOTAL	20.38	20.38		20.98
AVG.	4.08	4.08		4.20



MODEL 700™ H2A



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

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

SERIAL NO.
C6611726

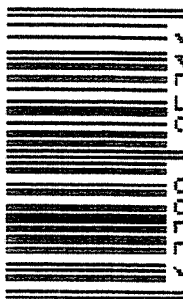
ORDER NO.
5716

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



5716 C6611726

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611726
5 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.431504
1 TO	2	.64047
1 TO	3	.813932
1 TO	4	.419411
1 TO	5	.527326

1.43 <----POR

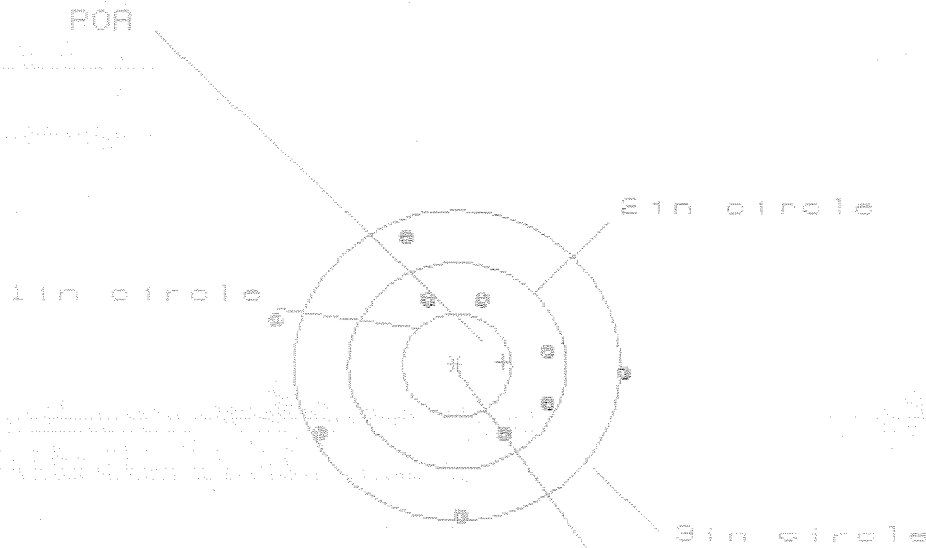
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0062
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .11354
THE RESULTING HYPERCE POI RADIUS FOR THIS RIFLE IS: .135542
THE AMP FOR THIS RIFLE IS: .00000

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611726

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HE= 3.184

VS= 2.700

GS= 2.224

CENTROID *

PATTERN #

:

10

9

8

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.502

1.316

.805

MINIMUM X

:

-1.502

-1.502

-1.338

MAXIMUM Y

:

1.241

1.294

1.297

MINIMUM Y

:

-1.459

-1.406

-1.403

CENTROID X

:

-.430

-.244

-.408

CENTROID Y

:

-.036

-.089

-.092

POA TO CENTROID in.

:

.432

.259

.418

MIN RADIUS

:

1.687

.686

.747

MEAN RADIUS

:

1.141

1.043

1.020

MAX RADIUS

:

1.748

1.684

1.450

HORIZONTAL SPREAD

:

3.184

2.818

2.143

VERTICAL SPREAD

:

2.700

2.700

2.700

EXTREME SPREAD

:

3.224

2.878

2.760

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611726

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HE= 2.206

VS= 1.843

CS= 2.442

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.271

1.012

.994

MINIMUM X

-.935

-.793

-.811

MAXIMUM Y

1.232

1.189

.947

MINIMUM Y

-.611

-.654

-.505

CENTROID X

.071

-.071

-.053

CENTROID Y

.363

.406

.257

POA TO CENTROID in.

.370

.412

.263

MIN RADIUS

.406

.373

.422

MEAN RADIUS

.875

.811

.747

MAX RADIUS

1.328

1.197

1.146

HORIZONTAL SPREAD

2.206

1.805

1.805

VERTICAL SPREAD

1.843

1.843

1.352

EXTREME SPREAD

2.442

2.101

2.101

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611726

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 1.954

VS= 1.657

GS= 2.544

CENTROID *

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.082

.746

.652

MINIMUM X

-.872

-.752

-.662

MAXIMUM Y

.605

.488

.545

MINIMUM Y

-1.052

-.968

-.911

CENTROID X

-.377

.257

.351

CENTROID Y

.070

.187

.130

POA TO CENTROID in.

.384

.318

.374

MIN RADIUS

.437

.354

.463

MEAN RADIUS

.799

.692

.672

MAX RADIUS

1.509

1.001

.974

HORIZONTAL SPREAD

1.954

1.498

1.314

VERTICAL SPREAD

1.657

1.456

1.456

EXTREME SPREAD

2.544

1.802

1.705

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

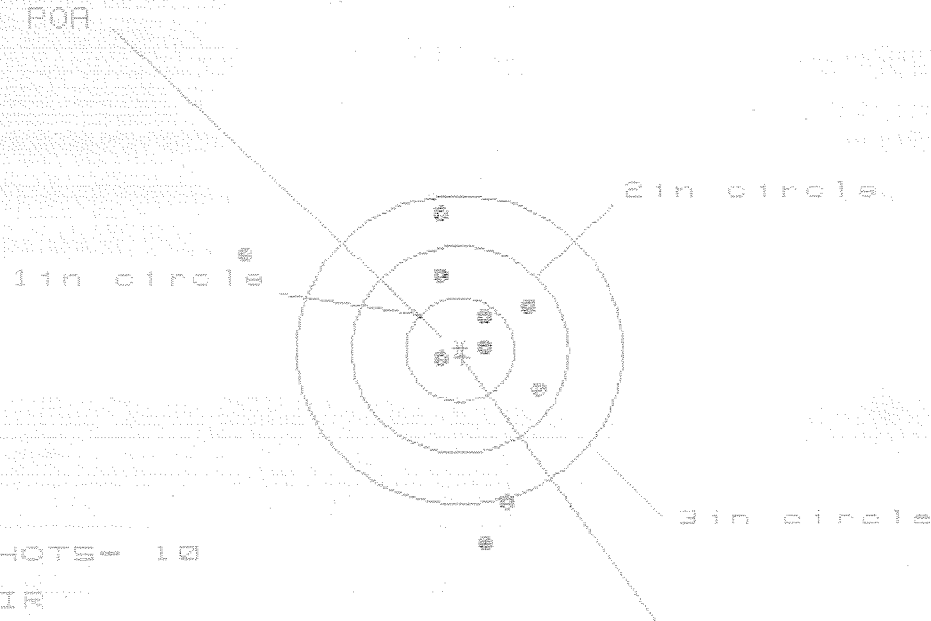
9

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611726

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 7

CENTROID #

HS= 2.738

VS= 3.192

GS= 3.578

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.772	.553	.553
MINIMUM X	-1.966	-.415	-.415
MAXIMUM Y	1.313	1.420	1.198
MINIMUM Y	-1.879	-1.772	-1.597
CENTROID X	-.825	.194	.194
CENTROID Y	.073	-.034	.188
POA TO CENTROID in.	.077	.196	.270
MIN RADIUS	.207	.132	.091
MEAN RADIUS	1.012	.870	.701
MAX RADIUS	2.187	1.772	1.614
HORIZONTAL SPREAD	2.738	.968	.968
VERTICAL SPREAD	3.192	3.192	2.795
EXTREME SPREAD	3.578	3.212	2.858
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611726

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

+ OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.292

VS= 2.612

GS= 2.740

CENTROID #

PATTERN #

4-3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.134	1.123	1.212
MINIMUM X	-1.153	-1.169	-1.088
MAXIMUM Y	1.151	.988	.690
MINIMUM Y	-1.481	-1.667	-1.543
CENTROID X	.033	.049	-.041
CENTROID Y	.207	.370	.246
POA TO CENTROID in	.211	.373	.250
MIN RADIUS	.553	.648	.592
MEAN RADIUS	1.006	.952	.905
MAX RADIUS	1.463	1.346	1.395
HORIZONTAL SPREAD	2.292	2.292	2.292
VERTICAL SPREAD	2.612	1.655	1.203
EXTREME SPREAD	2.740	2.603	2.603
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	