

C6587554

MODEL 700TM M24

Model **545**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

INITIAL CUSTOMER ORDER NO.

FDC DAAA09-92-C-0834

DATE RECEIVED

DATE OPENED

DATE CODE

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

ATTN: FRED MARTIN

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/10/94

06/10/94

C6587554

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

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

AL 36201-5025

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

AL

36201-5025

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Trigger Assy
X Mag Bk

173.91
2.06

Scope Rep

119.43

Clean/Insp/Prep

30.00

~~341.50~~
345.50

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER . M24 M2400022629

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587554DATE 8-30-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.70	2.52	2.50		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.28	2.35		
PULL #3	2.27	2.29	2.38		
PULL #4	2.34	2.33	2.44		
PULL #5	2.32	2.26	2.45		
TOTAL	11.90	11.68	12.12		
AVG.	2.38	2.33	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.44		
PULL #2	3.43	3.37		
PULL #3	3.24	3.37		
PULL #4	3.40	3.44		
PULL #5	3.46	3.44		
TOTAL	16.73	17.06		
AVG.	3.34	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	3.83	4.07	
PULL #2	4.15	3.84	4.00	
PULL #3	4.14	3.83	4.16	
PULL #4	4.19	3.85	4.00	
PULL #5	4.24	3.80	4.00	
TOTAL	20.92	19.15	20.23	
AVG.	4.18	3.83	4.04	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C-6587554

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.0	4.3	4.5			12-2-95	DA
	G) Safety Off Force	2.5	2.5	3.0			12-2-95	DA
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.43	2.40	2.38	2.29	2.42	12-2-95	DA
	C) Function							
660	Pack							

Remington®

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.

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

SERIAL NO.
C6587554

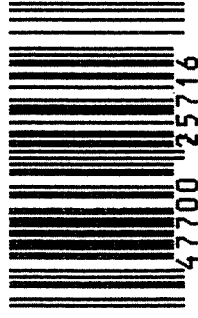
ORDER NO.
5716

20



5716 C6587554

UPC

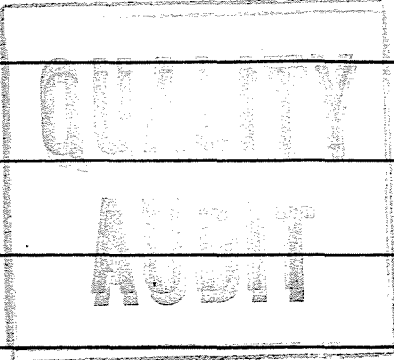


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CONTRACT # DAAA21-87-C-0086

NEW BBL

GUN SERIAL # C 6587554

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		10/30/90	DS
617	Drill and Tap Sight Holes		11/6/90	WLB
618	Polish Barrel <i>RB</i>		11/7/90	WLB
620	Apply Coatings (Barrel Action)		11-26-90	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/5/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/5/90	KS
	C) Inspect Ejector Hole for Chamfer		12/5/90	KS
	D) Oil Firing Pin Ass'y		12/5/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/6/90	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5/2	5/2	5/2			12/6/90	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			12/6/90	WB
	H) Trigger Pull Test & Retainability						12/6/90	98
	I) Firing Pin Indent	.0205	.020	.0205			12/6/90	WB
	J) Assemble Stock						12/6/90	KS
	K) Assemble Swivel Studs						12-7-90	98
	L) Attach Front and Rear Sight Assemblies						12/6/90	KS
	M) Iron Sight Alignment						12/6/90	KS
	N) Detach Front & Rear Sights & place in numbered container						12/6/90	KS
	O) Attach Scope to Rifle						12/6/90	KS
	P) Detach & Attach Scope 20 Times						12/6/90	KS
640	Gallery Target & Test						12/6/90	VF
	A) Time						"	VF
	B) Malfunctions						"	VF
	C) Pierced Primers						"	VF
	D) Optical Clarity of Scope						"	VF
645	Inspect for Live Ammo						12/6/90	VF
655	Final Inspection							
	A) Headspace						12-7-90	98
	B) Trigger Pull	271	267	275	268	274	12-7-90	98
	C) Function						12-7-90	98
660	Pack						12/19/90	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587554

DATE 12/6/90

TESTER JE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.38	2.12	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.30	2.28	2.67	
PULL #3	2.33	2.31	2.29	2.75	
PULL #4	2.35	2.31	2.31	2.68	
PULL #5	2.30	2.30	2.32	2.74	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.20		
PULL #2	3.20	3.28		
PULL #3	3.24	3.30		
PULL #4	3.31	3.19		
PULL #5	3.33	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.32		4.28
PULL #2	4.34	4.23		4.32
PULL #3	4.28	4.19		4.21
PULL #4	4.28	4.34		4.27
PULL #5	4.22	4.22		4.19
TOTAL				
AVG.				

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587554
12 Dec 1990

CENTROIDAL DISTANCES

0 TO 1	.212059
1 TO 2	.349425
1 TO 3	.100841
1 TO 4	.0920489
1 TO 5	.209459

3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .001
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0878
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0878057
THE AMR FOR THIS RIFLE IS: .9766

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587554

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.512

VS= 2.821

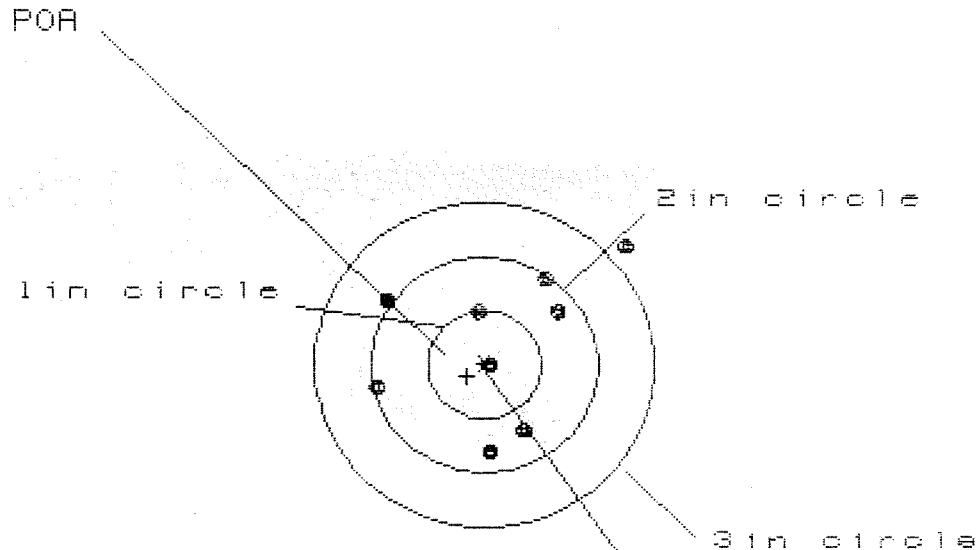
GS= 3.123

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.619	1.527	.902
MINIMUM X	-.893	-.985	-.794
MAXIMUM Y	1.839	.763	.815
MINIMUM Y	-.982	-.778	-.726
CENTROID X	.005	.097	-.094
CENTROID Y	-.212	-.416	-.468
POA TO CENTROID in.	.212	.428	.477
MIN RADIUS	.549	.478	.449
MEAN RADIUS	1.047	.907	.810
MAX RADIUS	2.018	1.581	1.138
HORIZONTAL SPREAD	2.512	2.512	1.696
VERTICAL SPREAD	2.821	1.541	1.541
EXTREME SPREAD	3.123	2.561	2.083
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587554

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.407

VS= 2.917

GS= 3.782

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.269	1.143	.658
MINIMUM X	:	-1.138	-1.087	-.945
MAXIMUM Y	:	1.116	.916	.721
MINIMUM Y	:	-1.801	-1.053	-.938
CENTROID X	:	.152	.278	.135
CENTROID Y	:	.105	.305	.190
POA TO CENTROID in.	:	.184	.413	.233
MIN RADIUS	:	.069	.254	.147
MEAN RADIUS	:	.975	.833	.742
MAX RADIUS	:	2.130	1.465	.976
HORIZONTAL SPREAD	:	2.407	2.230	1.602
VERTICAL SPREAD	:	2.917	1.969	1.659
EXTREME SPREAD	:	3.782	2.570	1.821
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Dec 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6587554

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 2.600

VS= 2.530

GS= 2.634

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.673	1.224	1.229
MINIMUM X	:	-.927	-.742	-.737
MAXIMUM Y	:	1.591	1.629	1.621
MINIMUM Y	:	-.939	-.901	-.697
CENTROID X	:	.018	-.167	-.172
CENTROID Y	:	-.112	-.150	-.354
POA TO CENTROID in.	:	.113	.225	.394
MIN RADIUS	:	.517	.490	.289
MEAN RADIUS	:	1.073	.979	.831
MAX RADIUS	:	1.709	1.630	1.697
HORIZONTAL SPREAD	:	2.600	1.966	1.966
VERTICAL SPREAD	:	2.530	2.530	2.318
EXTREME SPREAD	:	2.634	2.575	2.447
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587554

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 1.305

VS= 2.559

GS= 2.643

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.756

.707

.730

MINIMUM X

-.549

-.598

-.575

MAXIMUM Y

1.264

1.120

.660

MINIMUM Y

-1.295

-.807

-.667

CENTROID X

.002

.051

.028

CENTROID Y

-.120

.024

-.116

POA TO CENTROID in.

.120

.056

.119

MIN RADIUS

.193

.192

.167

MEAN RADIUS

.698

.608

.539

MAX RADIUS

1.367

1.134

.989

HORIZONTAL SPREAD

1.305

1.305

1.305

VERTICAL SPREAD

2.559

1.927

1.327

EXTREME SPREAD

2.643

1.998

1.861

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

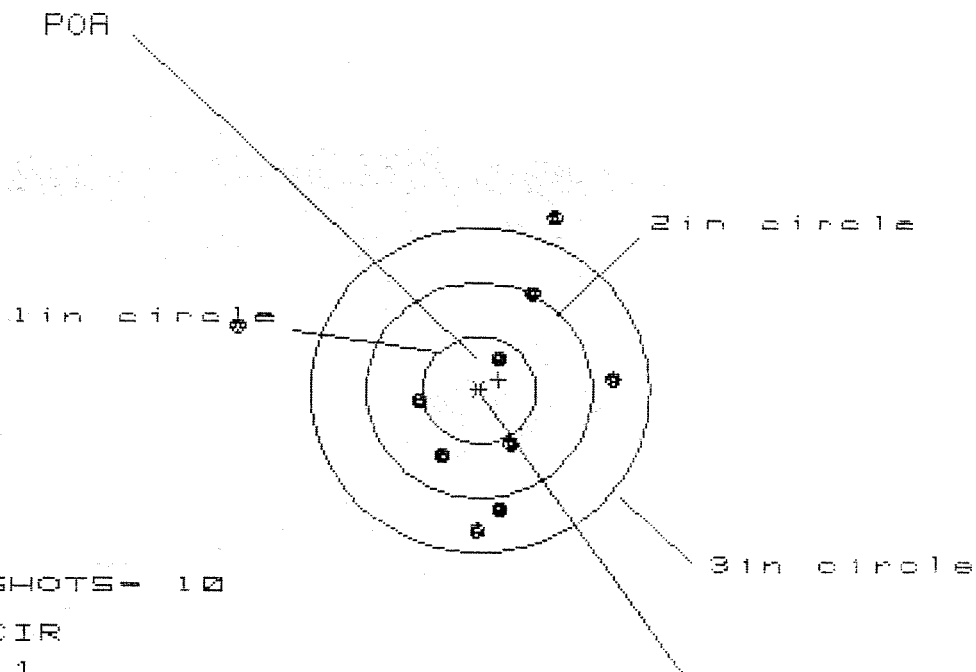
NUMBER IN THREE INCH CIRCLE =

10

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587554

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.252

VS = 2.850

GS = 3.285

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	.926	.976
MINIMUM X	:	-2.093	-.732	-.682
MAXIMUM Y	:	1.555	1.620	1.212
MINIMUM Y	:	-1.295	-1.230	-1.027
CENTROID X	:	-.172	.061	.011
CENTROID Y	:	-.100	-.165	-.368
POA TO CENTROID in.	:	.198	.176	.368
MIN RADIUS	:	.396	.415	.254
MEAN RADIUS	:	1.060	.918	.788
MAX RADIUS	:	2.175	1.669	1.247
HORIZONTAL SPREAD	:	3.252	1.658	1.658
VERTICAL SPREAD	:	2.850	2.850	2.239
EXTREME SPREAD	:	3.285	2.918	2.288
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587554
7 Dec 1990

CENTROIDAL DISTANCES

Ø TO	1	.133417
1 TO	2	.16772
1 TO	3	.202941
1 TO	4	.442549
1 TO	5	.174657

²
48 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0464
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0912
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .102325

THE AMR FOR THIS RIFLE IS: .6854

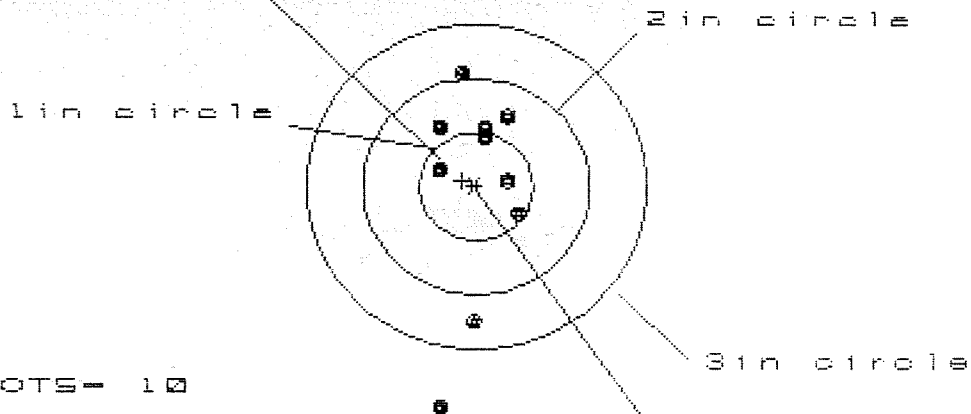
6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587554

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= .704

VS= 3.131

GS= 3.135

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.335	.303	.302
MINIMUM X	-.369	-.401	-.402
MAXIMUM Y	1.083	.855	.665
MINIMUM Y	-2.048	-1.520	-.635
CENTROID X	.122	.154	.155
CENTROID Y	-.054	.174	.363
POA TO CENTROID in.	.134	.232	.395
MIN RADIUS	.231	.229	.079
MEAN RADIUS	.794	.582	.416
MAX RADIUS	2.068	1.520	.704
HORIZONTAL SPREAD	.704	.704	.704
VERTICAL SPREAD	3.131	2.375	1.301
EXTREME SPREAD	3.135	2.380	1.380
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

7 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587554

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.515

VS= 1.488

GS= 2.002

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.649	.552	.600
MINIMUM X	:	-.866	-.809	-.761
MAXIMUM Y	:	.841	.769	.566
MINIMUM Y	:	-.647	-.630	-.534
CENTROID X	:	-.039	.058	.010
CENTROID Y	:	-.101	-.029	-.126
POA TO CENTROID in.	:	.108	.065	.126
MIN RADIUS	:	.266	.329	.260
MEAN RADIUS	:	.640	.591	.536
MAX RADIUS	:	1.081	.898	.903
HORIZONTAL SPREAD	:	1.515	1.361	1.361
VERTICAL SPREAD	:	1.488	1.399	1.099
EXTREME SPREAD	:	2.002	1.583	1.540
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587554

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.265

VS= 1.701

GS= 1.988

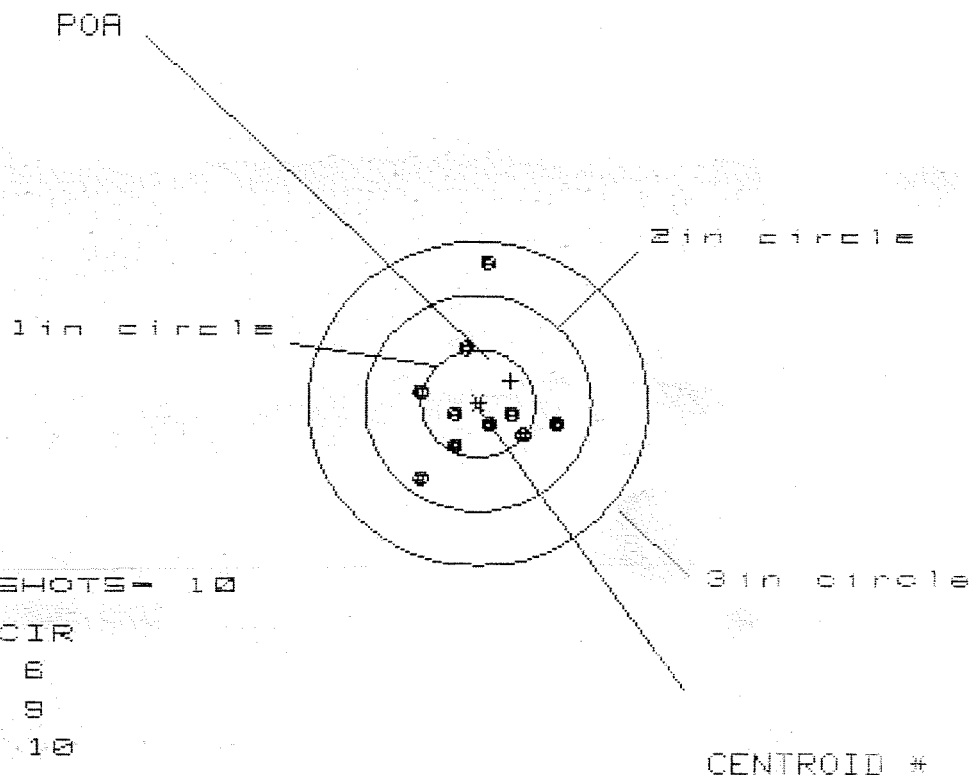
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.750	.420	.472
MINIMUM X	:	-.515	-.431	-.379
MAXIMUM Y	:	.642	.524	.379
MINIMUM Y	:	-1.059	-1.155	-.550
CENTROID X	:	-.022	-.106	-.158
CENTROID Y	:	.089	.207	.352
POA TO CENTROID in.	:	.092	.233	.385
MIN RADIUS	:	.138	.257	.268
MEAN RADIUS	:	.656	.561	.444
MAX RADIUS	:	1.298	1.228	.660
HORIZONTAL SPREAD	:	1.265	.851	.851
VERTICAL SPREAD	:	1.701	1.679	.930
EXTREME SPREAD	:	1.988	1.787	1.051
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587554

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 6

2 in = 9

3 in = 10

HS= 1.176

VS= 1.950

GS= 2.026

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.697	.705	.646
MINIMUM X	:	-.479	-.471	-.527
MAXIMUM Y	:	1.310	.629	.567
MINIMUM Y	:	-.640	-.494	-.290
CENTROID X	:	-.291	-.299	-.240
CENTROID Y	:	-.213	-.359	-.297
POA TO CENTROID in.	:	.361	.467	.382
MIN RADIUS	:	.199	.102	.139
MEAN RADIUS	:	.536	.415	.384
MAX RADIUS	:	1.312	.705	.651
HORIZONTAL SPREAD	:	1.176	1.176	1.173
VERTICAL SPREAD	:	1.950	1.123	.857
EXTREME SPREAD	:	2.026	1.268	1.197
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587554

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.379

VS = 2.823

GS = 2.902

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.860	.809	.829
MINIMUM X	:	-.519	-.570	-.550
MAXIMUM Y	:	1.425	1.089	.934
MINIMUM Y	:	-1.398	-1.239	-.914
CENTROID X	:	-.002	.049	.029
CENTROID Y	:	-.177	-.336	-.181
POA TO CENTROID in.	:	.177	.339	.183
MIN RADIUS	:	.228	.395	.244
MEAN RADIUS	:	.801	.731	.638
MAX RADIUS	:	1.498	1.250	.936
HORIZONTAL SPREAD	:	1.379	1.379	1.379
VERTICAL SPREAD	:	2.823	2.328	1.848
EXTREME SPREAD	:	2.902	2.341	1.851
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	