

06611435

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18733

INITIAL
JJM
CUSTOMER ORDER NO.
DAAA09-92-C-0834
DATE RECEIVED
06/14/94
DATE OPENED
06/15/94
DATE CODE
SERIAL NUMBER
C6611435
NEW SERIAL NUMBER
MODEL AND GRADE
700 7.62
ACCESSORIES
HARD CASE

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN
Scope S/N 90-043J
SCOPE MNTS
SCOPE BASE
SLING STRAP

NATO

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

CUST NO: 098397 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

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0076811

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

SERIAL NO. C6611435
DATE 6-10-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.56	2.50	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.62	2.77	
PULL #3	2.63	2.63	2.75	
PULL #4	2.65	2.63	2.78	
PULL #5	2.65	2.64	2.70	
TOTAL	13.05	13.02	13.67	
AVG.	2.61	2.60	2.73	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.00	3.00	
PULL #2	3.00	3.02	
PULL #3	3.15	3.01	
PULL #4	3.11	3.00	
PULL #5	3.09	3.03	
TOTAL	15.35	15.06	
AVG.	3.11	3.01	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.02		4.15
PULL #2	4.00	4.05		4.14
PULL #3	4.09	4.03		4.16
PULL #4	4.01	4.02		4.17
PULL #5	4.00	4.11		4.15
TOTAL	20.20	20.23		20.77
AVG.	4.04	4.04		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611435
16 Apr 1980

CENTROIDAL DISTANCES

0 TO	1	.573206
1 TO	2	.210723
1 TO	3	.258751
1 TO	4	.439159
1 TO	5	.293234

avg $\bar{x}$: ----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1928
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3164
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .370514

THE AMR FOR THIS RIFLE IS: 1.074

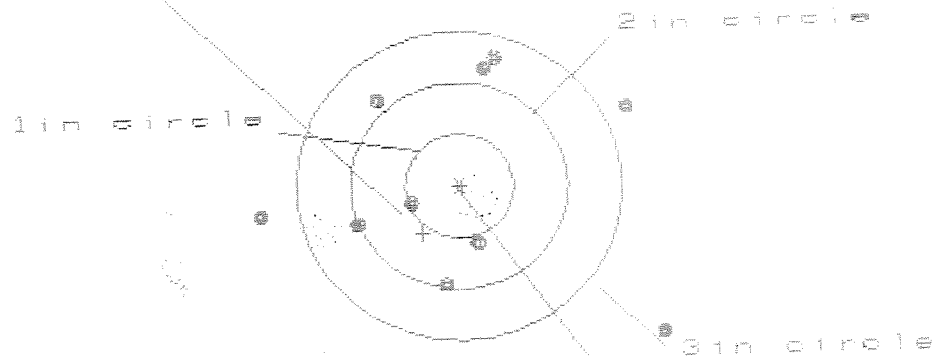
16 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/CBB11435

CENTERFIRE PATTERNS

1

POB



OF SHOTS - 25

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.786

VS= 2.711

GS= 3.972

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.896	1.771	1.561
MINIMUM X	-1.890	-1.679	-1.968
MAXIMUM Y	1.219	1.053	.996
MINIMUM Y	-1.492	-1.129	-1.186
CENTROID X	.346	.135	.345
CENTROID Y	.457	.623	.680
POB TO CENTROID in.	.573	.637	.763
MIN RADIUS	.451	.383	.566
MEAN RADIUS	1.262	1.104	1.035
MAX RADIUS	2.413	1.857	1.639
HORIZONTAL SPREAD	3.786	3.450	2.529
VERTICAL SPREAD	2.711	2.182	2.182
EXTREME SPREAD	3.972	3.596	2.758
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 3		
NUMBER IN THREE INCH CIRCLE	= 7		

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT:06811435

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 8

CENTROID +

HE = 1.9280

VS = 3.524

GS = 3.525

PATTERN #

2

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.868	.896	.691
MINIMUM X	-1.062	-.965	-.853
MAXIMUM Y	1.699	1.496	.718
MINIMUM Y	-1.825	-.850	-.663
CENTROID X	.406	.309	.197
CENTROID Y	.255	.458	.271
POA TO CENTROID in.	.479	.553	.335
MIN RADIUS	.080	.261	.167
MEAN RADIUS	.941	.827	.687
MAX RADIUS	2.021	1.744	1.000
HORIZONTAL SPREAD	1.930	1.861	1.544
VERTICAL SPREAD	3.524	2.346	1.381
EXTREME SPREAD	3.525	2.762	1.877
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PAT/06611435

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID +

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HE= 2.360

VS= 3.153

GS= 3.173

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.135	1.102	.945
MINIMUM X	-1.225	-1.258	-.603
MAXIMUM Y	2.114	1.664	1.587
MINIMUM Y	-1.609	-.804	-.881
CENTROID X	.120	.154	.311
CENTROID Y	.331	.096	.173
POA TO CENTROID in.	.352	.182	.356
MIN RADIUS	.345	.380	.449
MEAN RADIUS	1.035	.868	.820
MAX RADIUS	2.136	1.670	1.587
HORIZONTAL SPREAD	2.360	2.360	1.548
VERTICAL SPREAD	3.153	2.468	2.468
EXTREME SPREAD	3.173	2.678	2.471
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

16 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/05611435

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.251

VS= 2.322

GS= 2.498

CENTROID *

PATTERN #

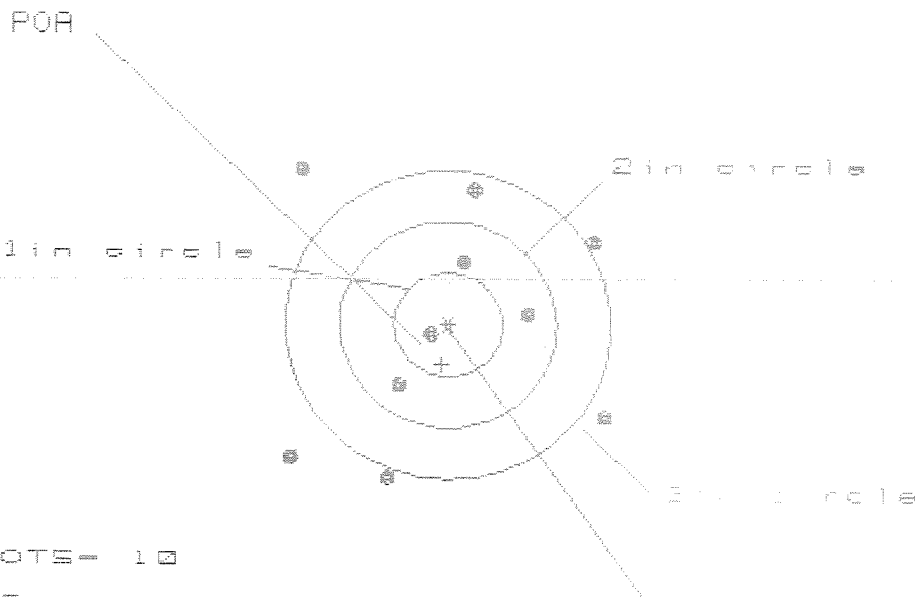
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.212	1.097	1.121
MINIMUM X	-1.039	-1.388	-1.364
MAXIMUM Y	1.280	1.100	1.219
MINIMUM Y	-1.042	-1.322	-1.048
CENTROID X	.031	.146	.122
CENTROID Y	.151	.031	-.143
POA TO CENTROID in.	.154	.150	.189
MIN RADIUS	.193	.347	.388
MEAN RADIUS	.904	.831	.739
MAX RADIUS	1.498	1.413	1.259
HORIZONTAL SPREAD	2.251	1.985	1.985
VERTICAL SPREAD	2.322	2.322	1.367
EXTREME SPREAD	2.498	2.322	1.996
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06611435

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.896

VS= 2.942

GS= 3.635

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	5	5
MAXIMUM X	1.460	1.311	1.713
MINIMUM X	-1.436	-1.585	-1.919
MAXIMUM Y	1.474	1.438	1.296
MINIMUM Y	-1.468	-1.384	-1.446
CENTROID X	.061	.210	.408
CENTROID Y	.388	.224	.366
POA TO CENTROID in.	.393	.307	.548
MIN RADIUS	.153	.283	.402
MEAN RADIUS	1.226	1.142	1.020
MAX RADIUS	1.993	1.947	1.713
HORIZONTAL SPREAD	2.896	2.896	2.032
VERTICAL SPREAD	2.942	2.742	2.742
EXTREME SPREAD	3.635	3.445	2.940
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611435

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. #	BARBER - M24 0076820 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			6/24/96	WB
	G) Safety Off Force	3	3	3			6/24/96	WB
	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	2.58	2.58	2.62	2.69	2.66	6/20/96	WB
	C) Function							
660	Pack							

Remington
HUNTER 700 H24

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

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

SERIAL NO.
C6611435

ORDER NO.
5716

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

0 4700 25716

GFM 1.95

GUN SERIAL # C6611435

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 91		Rw
600	Proof	1 25 91		Rw
607	Check Headspace	1 25 91		Rw
610	Dis-assemble Gun	1 25 91		Rw
612	Magnaflux Barrel Action	1 25 91		KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		JS
617	Drill and Tap Sight Holes	1 30 91		LB
618	Polish Barrel <i>RBB</i>	1 30 91		LB
620	Apply Coatings (Barrel Action)		2-10-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	Rw
	C) Inspect Ejector Hole for Chamfer		2/11/91	Rw
	D) Oil Firing Pin Ass'y		2/11/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		2/15/91	JS

op. #	BARBER M24 0076823	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4	4		2/16/91	WB
	G) Safety Off Force	2 1/2	2 1/4	2 1/4		2/16/91	WB
	H) Trigger Pull Test & Retainability					2/15/91	JH
	I) Firing Pin Indent	.021	.021	.021		2/16/91	WB
	J) Assemble Stock					2/16/91	RW
	K) Assemble Swivel Studs					2-22-91	A
	L) Attach Front and Rear Sight Assemblies					2/16/91	RW
	M) Iron Sight Alignment					2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container					2/16/91	RW
	O) Attach Scope to Rifle					2/16/91	RW
	P) Detach & Attach Scope 20 Times					2/16/91	RW
640	Gallery Target & Test					2-18-91	DH
	A) Time					2-18-91	DH
	B) Malfunctions					2-18-91	DH
	C) Pierced Primers					2-18-91	DH
	D) Optical Clarity of Scope					2-18-91	DH
645	Inspect for Live Ammo					2-18-91	DH
655	Final Inspection						
	A) Headspace					2-22-91	A
	B) Trigger Pull	2.42	2.44	2.34	2.31	2.41	2/22/91
	C) Function					2-22-91	A
660	Pack					3/15/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611435DATE 2/15/91TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.29	2.19	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.25	2.28	2.44	
PULL #3	2.35	2.28	2.20	2.34	
PULL #4	2.31	2.20	2.22	2.31	
PULL #5	2.26	2.21	2.27	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.39		
PULL #2	3.46	3.32		
PULL #3	3.42	3.34		
PULL #4	3.39	3.34		
PULL #5	3.37	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.34		4.42
PULL #2	4.46	4.41		4.34
PULL #3	4.25	4.18		4.34
PULL #4	4.33	4.43		4.29
PULL #5	4.41	4.41		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611435
18 Feb 1991

CENTROIDAL DISTANCES

0 TO 1 .158597
1 TO 2 .304424
1 TO 3 .244561
1 TO 4 .307278
1 TO 5 .165342

*** (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1428
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0506
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1515
THE AMP FOR THIS RIFLE IS: .9198

16 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611435

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.084

VS= 2.535

GS= 3.157

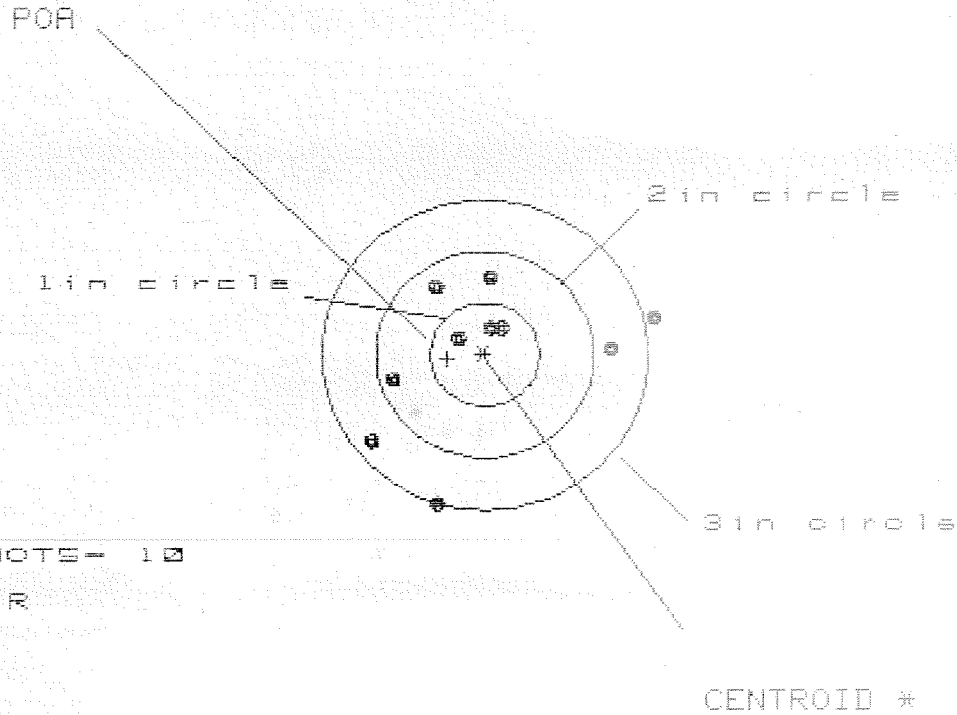
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.986	.879	.981
MINIMUM X	-1.098	-1.205	-1.103
MAXIMUM Y	1.223	1.078	.779
MINIMUM Y	-1.312	-.894	-.760
CENTROID X	.057	.164	.062
CENTROID Y	.148	.293	.159
POA TO CENTROID in.	.158	.336	.170
MIN RADIUS	.151	.321	.163
MEAN RADIUS	.968	.905	.817
MAX RADIUS	1.627	1.350	1.143
HORIZONTAL SPREAD	2.084	2.084	2.084
VERTICAL SPREAD	2.535	1.972	1.539
EXTREME SPREAD	3.157	2.520	2.136
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

16 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611435

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 2.645

VS = 2.215

GS = 2.920

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.556	1.301	1.264
MINIMUM X	-1.089	-.917	-.954
MAXIMUM Y	.805	.846	.674
MINIMUM Y	-1.410	-1.369	-1.006
CENTROID X	.342	.170	.207
CENTROID Y	.041	.000	.172
POA TO CENTROID in.	.345	.170	.269
MIN RADIUS	.238	.243	.106
MEAN RADIUS	.890	.813	.678
MAX RADIUS	1.597	1.402	1.387
HORIZONTAL SPREAD	2.645	2.218	2.218
VERTICAL SPREAD	2.215	2.215	1.681
EXTREME SPREAD	2.920	2.391	2.391
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611435

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.283

VS = 2.302

GS = 3.049

CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.857
MINIMUM X	-1.426
MAXIMUM Y	1.162
MINIMUM Y	-1.140
CENTROID X	-.170
CENTROID Y	.057
POA TO CENTROID in.	.179
MIN RADIUS	.200
MEAN RADIUS	.839
MAX RADIUS	1.665
HORIZONTAL SPREAD	2.283
VERTICAL SPREAD	2.302
EXTREME SPREAD	3.049
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611435

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 9

HS = 2.091

VS = 2.709

GS = 2.869

CENTROID #

PATTERN # :

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.971	.944	.884
MINIMUM X	-1.120	-1.147	-1.287
MAXIMUM Y	1.760	1.307	1.213
MINIMUM Y	-.949	-.754	-.820
CENTROID X	.285	.312	.452
CENTROID Y	-.058	-.253	-.159
POA TO CENTROID in.	.290	.402	.479
MIN RADIUS	.354	.172	.196
MEAN RADIUS	1.058	.929	.857
MAX RADIUS	1.777	1.496	1.512
HORIZONTAL SPREAD	2.091	2.091	2.091
VERTICAL SPREAD	2.709	2.061	2.033
EXTREME SPREAD	2.869	2.534	2.534
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611435

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.337

VS= 2.950

GS= 2.951

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.143	1.113	.960
MINIMUM X	-1.194	-1.224	-.473
MAXIMUM Y	1.319	1.137	1.196
MINIMUM Y	-1.631	-1.059	-1.000
CENTROID X	.200	.230	.383
CENTROID Y	.065	.247	.187
POA TO CENTROID in.	.210	.337	.427
MIN RADIUS	.187	.110	.055
MEAN RADIUS	.844	.741	.638
MAX RADIUS	1.654	1.313	1.260
HORIZONTAL SPREAD	2.337	2.337	1.433
VERTICAL SPREAD	2.950	2.196	2.196
EXTREME SPREAD	2.951	2.379	2.198

NUMBER IN TWO INCH CIRCLE =
NUMBER IN TWO INCH CIRCLE =

6
9

BARBER - M24 0076831