

06587606

MODEL 760™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER - M24 0023613 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18212

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE

SERIAL NUMBER 7606 C6587606 NEW SERIAL NUMBER

MODEL AND GRADE 700 7-62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE C6587606 90-0990

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.L

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 173.71
Scope Rep 119.43
Clean/Insp/Rep 50.00
343.14

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN
GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0023613

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

SERIAL NO. C6587606DATE 10-18-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.63	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.67	2.47	
PULL #3	2.67	2.49	2.30	
PULL #4	2.56	2.55	2.51	
PULL #5	2.75	2.36	2.50	
TOTAL	13.00	12.70	12.25	
AVG.	2.60	2.54	2.45	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.00	2.92	
PULL #2	3.00	2.80	
PULL #3	2.90	2.85	
PULL #4	2.87	2.88	
PULL #5	2.98	2.85	
TOTAL	14.75	14.30	
AVG.	2.95	2.86	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.01	4.00	4.19	
PULL #2	4.01	4.03	4.24	
PULL #3	3.98	4.00	4.24	
PULL #4	4.01	3.99	4.21	
PULL #5	4.00	4.02	4.22	
TOTAL	20.01	20.04	21.10	
AVG.	4.00	4.00	4.22	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587606

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			

BARBER - M24 0023616

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/4	5 1/4			11/28	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			11/28	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	2.74	2.79	2.80	2.62	2.63	11/28	WB
	C) Function							
660	Pack							

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

MODEL 700™ M24

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

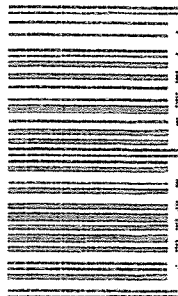
VERY IMPORTANT!
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6587606

ORDER NO.
 5716

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

UPC



0 47700 25716 7



5716 C6587606

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587606

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KA
600	Proof		10/24/90	KA
607	Check Headspace		10/24/90	KA
610	Dis-assemble Gun		10/24/90	KA
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	GL
617	Drill and Tap Sight Holes		10/25/90	KB
618	Polish Barrel <i>KB</i>		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-22-90	JA

1-18/91 WB

op. #	BARBER M24 0023619	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/26/90	WS
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	11/26/90	WS
	H) Trigger Pull Test & Retainability				11/18/91 11/26/90	WS
	I) Firing Pin Indent	0205 022	0205 0225	0205 022	11/26/90	WS
	J) Assemble Stock				11/24/90	KS
	K) Assemble Swivel Studs				2-4-91	K
	L) Attach Front and Rear Sight Assemblies				11/26/90	KS
	M) Iron Sight Alignment				11/26/90	KS
	N) Detach Front & Rear Sights & place in numbered container				11/26/90	KS
	O) Attach Scope to Rifle				11/26/90	KS
	P) Detach & Attach Scope 20 Times				11/26/90	KS
640	Gallery Target & Test				11/22/91	KJ
	A) Time					KJ
	B) Malfunctions					KJ
	C) Pierced Primers					KJ
	D) Optical Clarity of Scope					KJ
645	Inspect for Live Ammo				11/22/91	KJ
655	Final Inspection					
	A) Headspace				2-4-91	K
	B) Trigger Pull	2.61	2.65	2.65	1-22-91	GR
	C) Function				2-4-91	AC
660	Pack				3-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587606DATE 1/18/91TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	2.53	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.60	2.48	2.65	
PULL #3	2.47	2.60	2.53	2.65	
PULL #4	2.48	2.59	2.54	2.64	
PULL #5	2.50	2.52	2.54	2.70	
TOTAL	12.30	12.75	12.62		
AVG.	2.46	2.55	2.52		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.33		
PULL #2	3.34	3.38		
PULL #3	3.31	3.37		
PULL #4	3.38	3.31		
PULL #5	3.27	3.40		
TOTAL	16.57	16.79		
AVG.	3.31	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.23		4.16
PULL #2	4.23	4.29		4.14
PULL #3	4.30	4.35		4.15
PULL #4	4.23	4.28		4.19
PULL #5	4.26	4.28		4.13
TOTAL	21.20	21.43		20.77
AVG.	4.24	4.28		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587606 RESHOT
22 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.300885
1 TO	2	.592638
1 TO	3	.271398
1 TO	4	.592738
1 TO	5	.669355

$\frac{13}{14}$ <----POA

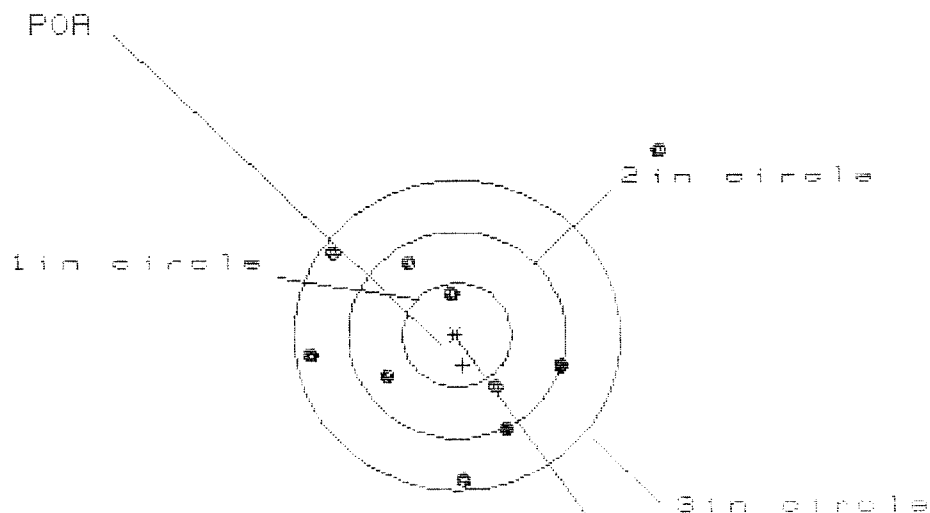
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .201858

THE AMR FOR THIS RIFLE IS: 1.089

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587686.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 3.271

VS= 3.141

GS= 3.842

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.896	1.165	1.019
MINIMUM X	:	-1.375	-1.164	-1.055
MAXIMUM Y	:	1.781	.967	.962
MINIMUM Y	:	-1.360	-1.162	-1.167
CENTROID X	:	-.054	-.265	-.119
CENTROID Y	:	.296	.098	.103
FOR TO CENTROID in.	:	.301	.282	.157
MIN RADIUS	:	.446	.470	.513
MEAN RADIUS	:	1.140	.949	.908
MAX RADIUS	:	2.601	1.327	1.428
HORIZONTAL SPREAD	:	3.271	2.329	2.074
VERTICAL SPREAD	:	3.141	2.129	2.129
EXTREME SPREAD	:	3.842	2.419	2.419
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587686.1

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 6

HS= 3.002

VS= 3.714

GS= 3.715

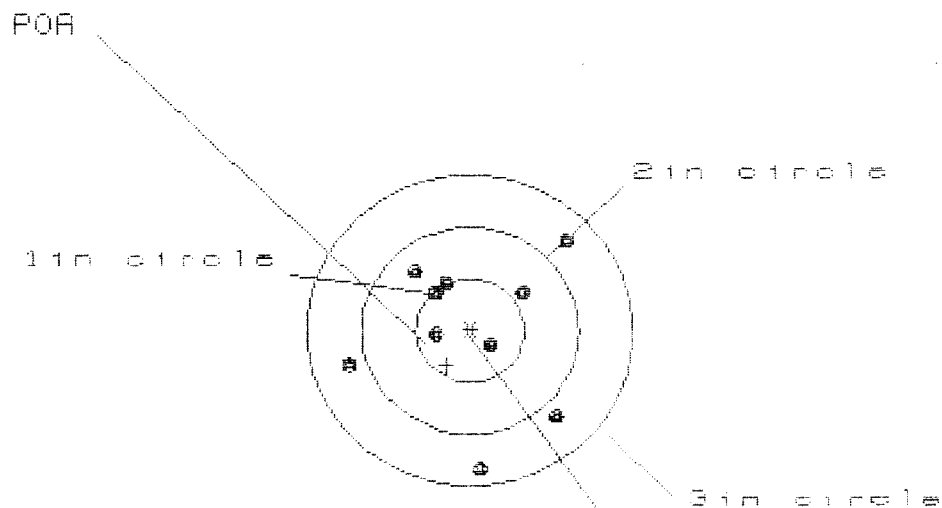
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.527	1.597	1.697
MINIMUM X	:	-1.475	-1.405	-1.305
MAXIMUM Y	:	1.445	1.193	.929
MINIMUM Y	:	-2.269	-.883	-.734
CENTROID X	:	.358	.288	.188
CENTROID Y	:	-.130	.122	-.027
POR TO CENTROID in.	:	.381	.313	.190
MIN RADIUS	:	.285	.073	.246
MEAN RADIUS	:	1.200	1.019	.964
MAX RADIUS	:	2.355	1.710	1.759
HORIZONTAL SPREAD	:	3.002	3.002	3.002
VERTICAL SPREAD	:	3.714	2.076	1.660
EXTREME SPREAD	:	3.715	3.031	3.014
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587600.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.011

VS= 2.171

GS= 2.359

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.864	.871	.881
MINIMUM X	:	-1.147	-1.140	-1.031
MAXIMUM Y	:	.866	.721	.510
MINIMUM Y	:	-1.305	-1.016	-.926
CENTROID X	:	.215	.208	.099
CENTROID Y	:	.332	.477	.387
POA TO CENTROID in.	:	.396	.520	.399
MIN RADIUS	:	.274	.362	.222
MEAN RADIUS	:	.794	.714	.654
MAX RADIUS	:	1.307	1.276	1.278
HORIZONTAL SPREAD	:	2.011	2.011	1.912
VERTICAL SPREAD	:	2.171	1.737	1.436
EXTREME SPREAD	:	2.359	2.359	1.977
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587686.1

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 7

HS = 3.343

VS = 2.981

GS = 3.485

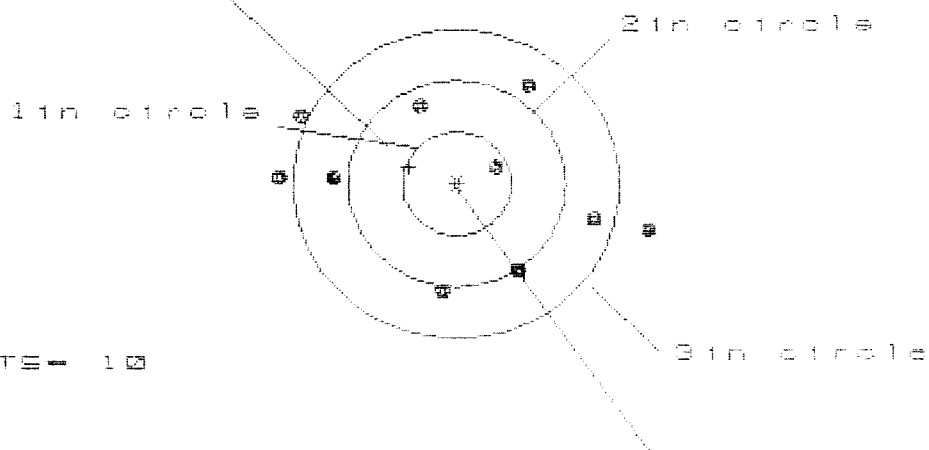
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.795	1.398	1.230
MINIMUM X	:	-1.548	-1.349	-1.711
MAXIMUM Y	:	1.631	1.481	1.312
MINIMUM Y	:	-1.350	-1.352	-1.138
CENTROID X	:	.053	-.146	.022
CENTROID Y	:	-.287	-.137	.032
POR TO CENTROID in.	:	.292	.200	.039
MIN RADIUS	:	.400	.215	.145
MEAN RADIUS	:	1.117	.922	.767
MAX RADIUS	:	2.246	1.910	1.676
HORIZONTAL SPREAD	:	3.343	2.747	1.941
VERTICAL SPREAD	:	2.981	2.833	2.450
EXTREME SPREAD	:	3.485	3.224	2.732
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587686.1

CENTERFIRE PATTERNS # 5

POB



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 7

HS = 3.343

VS = 1.926

GS = 3.383

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.721
MINIMUM X	-1.622
MAXIMUM Y	.920
MINIMUM Y	-1.006
CENTROID X	.436
CENTROID Y	-.160
POB TO CENTROID in.	.465
MIN RADIUS	.446
MEAN RADIUS	1.196
MAX RADIUS	1.771
HORIZONTAL SPREAD	3.343
VERTICAL SPREAD	1.926
EXTREME SPREAD	3.383
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	2
NUMBER IN THREE INCH CIRCLE =	7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587606
22 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.0818352
1 TO	2	.133034
1 TO	3	.226108
1 TO	4	.189676
1 TO	5	.25316

38 <----POA

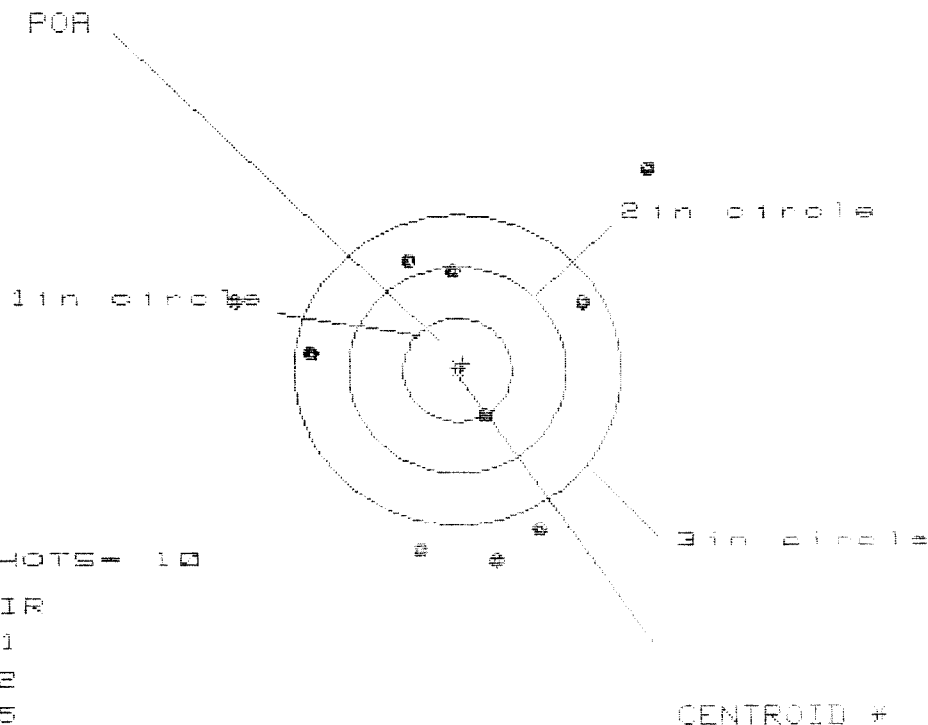
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0624
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0733738

THE AMR FOR THIS RIFLE IS: 1.406

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587686

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 3.844

VS= 3.798

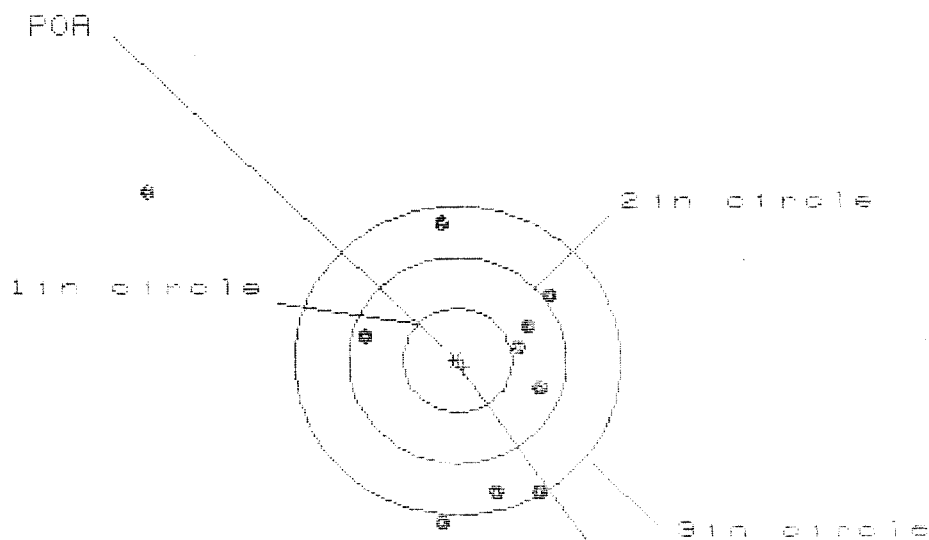
GS= 4.256

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.764	1.364	1.128
MINIMUM X	-2.088	-1.884	-1.368
MAXIMUM Y	1.964	1.324	1.434
MINIMUM Y	-1.826	-1.608	-1.498
CENTROID X	-.051	-.247	-.011
CENTROID Y	-.064	-.282	-.392
POI TO CENTROID IN.	.081	.375	.392
MIN RADIUS	.494	.507	.247
MEAN RADIUS	1.537	1.407	1.285
MAX RADIUS	2.639	2.081	1.531
HORIZONTAL SPREAD	3.844	3.248	2.496
VERTICAL SPREAD	3.798	2.932	2.932
EXTREME SPREAD	4.256	3.536	3.029
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	5		

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08507686

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 3.549

VS = 3.174

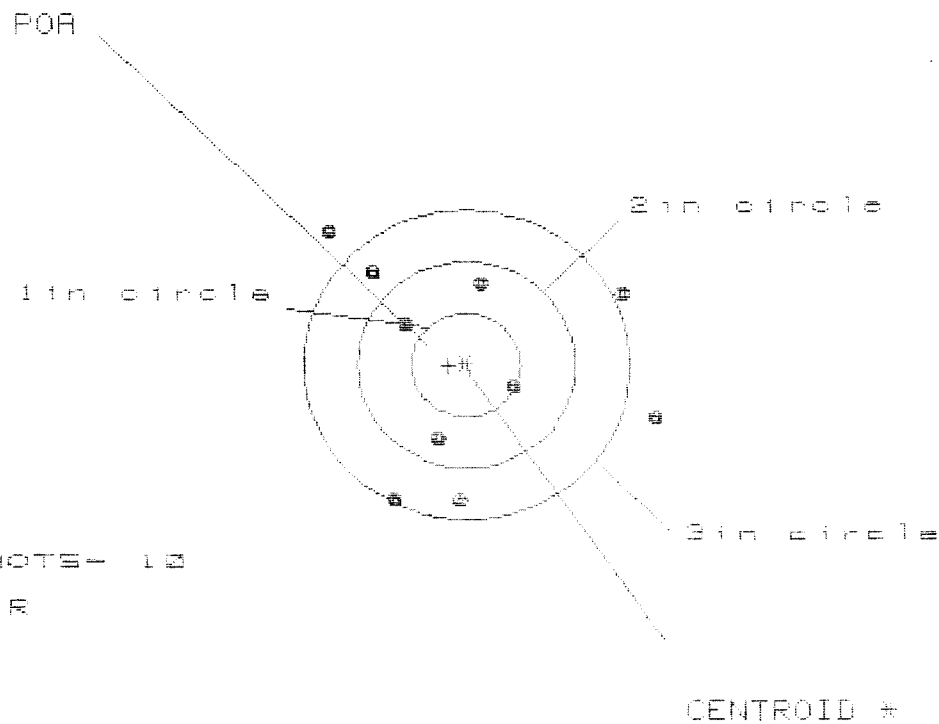
GS = 4.582

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.849
MINIMUM X	:	-2.800
MAXIMUM Y	:	1.629
MINIMUM Y	:	-1.545
CENTROID X	:	-.054
CENTROID Y	:	.069
POA TO CENTROID in.	:	.088
MIN RADIUS	:	.576
MEAN RADIUS	:	1.290
MAX RADIUS	:	3.239
HORIZONTAL SPREAD	:	3.649
VERTICAL SPREAD	:	3.174
EXTREME SPREAD	:	4.582
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	8

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587688

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 3.001

VS= 2.608

GS= 3.505

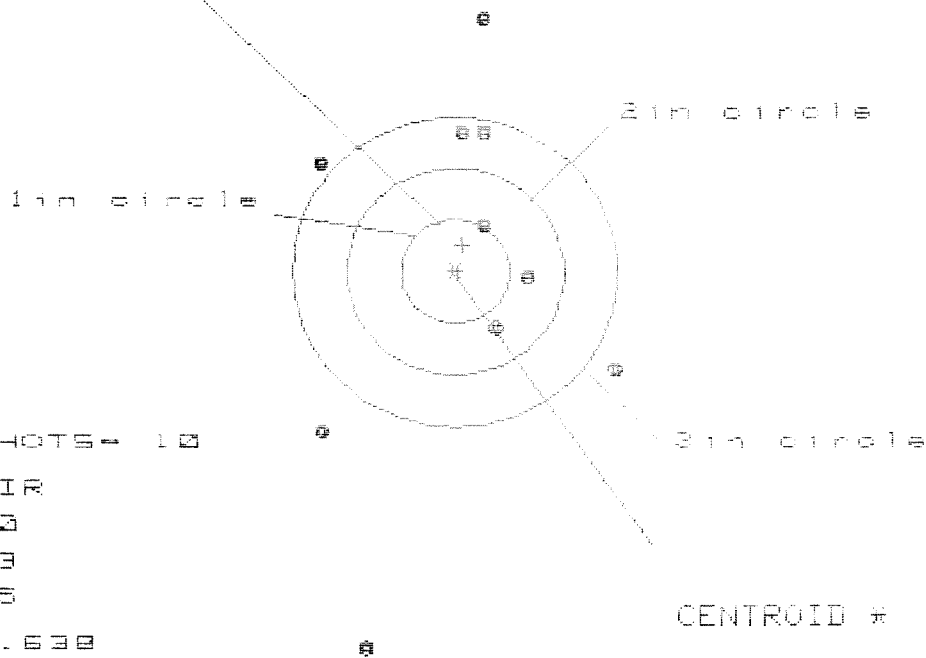
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.705	1.561	1.536
MINIMUM X	-1.296	-1.010	-.815
MAXIMUM Y	1.305	1.005	.960
MINIMUM Y	-1.303	-1.158	-1.203
CENTROID X	.163	.307	.112
CENTROID Y	.009	-.136	-.091
POR TO CENTROID in.	.163	.336	.144
MIN RADIUS	.463	.267	.465
MEAN RADIUS	1.199	1.113	1.038
MAX RADIUS	1.839	1.602	1.738
HORIZONTAL SPREAD	3.001	2.571	2.351
VERTICAL SPREAD	2.608	2.163	2.163
EXTREME SPREAD	3.505	2.977	2.977
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587600

CENTERFIRE PATTERNS # 4

POR



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

LE = 2.638

VS = 6.086

GS = 6.187

CENTROID #

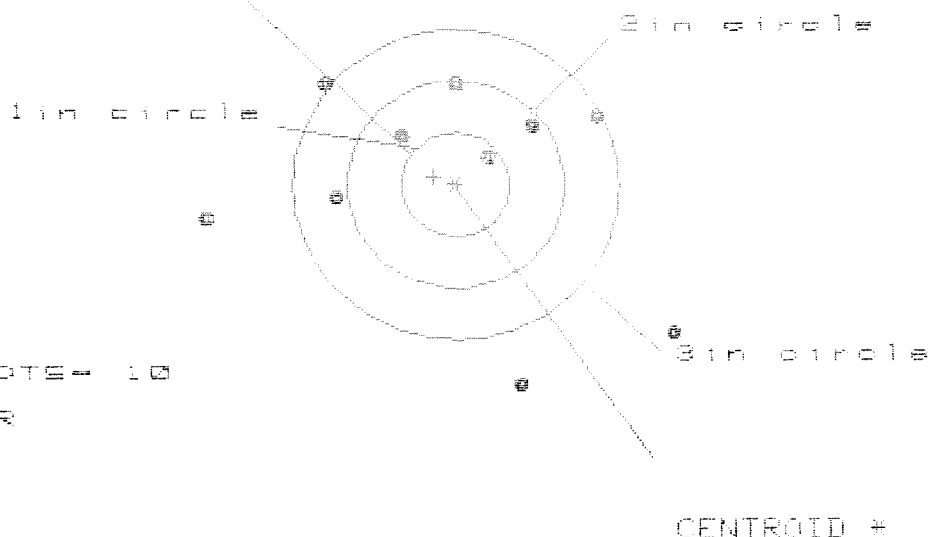
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.420	1.326	1.348
MINIMUM X	:	-1.218	-1.312	-1.290
MAXIMUM Y	:	2.408	2.000	1.232
MINIMUM Y	:	-3.678	-1.967	-1.717
CENTROID X	:	-.067	.027	.005
CENTROID Y	:	-.253	.155	-.095
POR TO CENTROID in.	:	.262	.157	.095
MIN RADIUS	:	.521	.146	.246
MEAN RADIUS	:	1.613	1.282	1.207
MAX RADIUS	:	3.774	2.365	2.148
HORIZONTAL SPREAD	:	2.638	2.638	2.638
VERTICAL SPREAD	:	6.086	3.967	2.949
EXTREME SPREAD	:	6.187	4.237	3.316
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

22 Jan 1991

FILE:\PATTERNING\CENTERFIRE_PATT\C6582606

CENTERFIRE PATTERNS # 5

POB



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 4.376

VS = 2.893

GS = 4.501

CENTROID +

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.029	1.547	1.281
MINIMUM X	:	-2.347	-2.121	-1.212
MAXIMUM Y	:	.945	.790	.729
MINIMUM Y	:	-1.948	-2.103	-2.164
CENTROID X	:	.202	-.024	.242
CENTROID Y	:	-.073	.082	.143
POB TO CENTROID in.	:	.214	.085	.281
MIN RADIUS	:	.417	.440	.303
MEAN RADIUS	:	1.389	1.228	1.070
MAX RADIUS	:	2.459	2.271	2.244
HORIZONTAL SPREAD	:	4.376	3.668	2.493
VERTICAL SPREAD	:	2.893	2.893	2.893
EXTREME SPREAD	:	4.501	3.813	3.409
NUMBER IN ONE INCH CIRCLE =	:		1	
NUMBER IN TWO INCH CIRCLE =	:		4	

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NUMBER IN THREE INCH CIRCLE =

6

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0023633
M24 0023672