

C6225227

NEW ACTION

E 6374491

MODEL 700TM M24

Model 700 M24TM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400010999

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225227

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	2 26	FB
600	PROOF	2 29	Ru
615	MAGNAFLUX BARREL	5/13/88	Pfe.
	MAGNAFLUX BOLT	5/13/88	Pfe.
620	COATING	8/11/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #

1079

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225227

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	QUALITY AUDIT		
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/26/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/26/88	RW
	C) Inspect Ejector Hole for Chamfer		8/26/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/26/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		26 Aug 88	W.B.+J.S.
	F) Safety on Force	6.25 6 6.25	26 Aug 88	W.B.+J.S.
	G) Safety off Force	3 3 2.75	26 Aug 88	W.B.+J.S.
	H) Trigger Pull Test & Retainability		26 Aug 88	W.B.+J.S.
	I) Firing Pin Indent	.0225 .023 .022	26 Aug 88	W.B.+J.S.
	J) Assemble Stock		9/26/88	RW
	K) Assemble Swivel Studs		10-6-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/26/88	RW
	M) Iron Sight Alignment		9/26/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/26/88	RW
	O) Attach Scope to Rifle		10/1/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	J.S.
640	Gallery Target & Test	72 R 83 L	10/5/88	DH
	A) Optical Clarity of Scope		10/5/88	J.S.
645	Inspect for Live Ammo		10/5/88	J.S.
655	Final Inspection			
	A) Headspace		10-6-88	J.S.
	B) Trigger Pull		10-6-88	J.S.
	C) Function		10-6-88	J.S.
660	Pack		10-20-88	J.S.

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225227

DATE 26 Aug 88

TESTER W.B. + G.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.36	2.45	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.77	2.28	2.36	2.32	
PULL #3	2.62	2.23	2.46	2.35	
PULL #4	2.56	2.27	2.37	2.35	
PULL #5	2.53	2.29	2.52	2.36	
TOTAL	13.06	11.43	12.16	11.64	
AVG.	2.612	2.286	2.432	2.33	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.21		
PULL #2	3.21	3.20		
PULL #3	3.23	3.20		
PULL #4	3.24	3.07		
PULL #5	3.25	3.20		
TOTAL	16.13	15.88		
AVG.	3.226	3.176		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.16		4.23
PULL #2	4.31	4.06		4.24
PULL #3	4.31	4.23		4.20
PULL #4	4.28	4.24		4.24
PULL #5	4.33	4.20		4.27
TOTAL	21.53	20.89		21.18
AVG.	4.306	4.178		4.236

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225227

CENTROIDAL DISTANCES

0 TO	1	.856225
1 TO	2	1.20203
1 TO	3	1.49165
1 TO	4	.896208
1 TO	5	.878681

+
1
2
3
4
5
-----POA

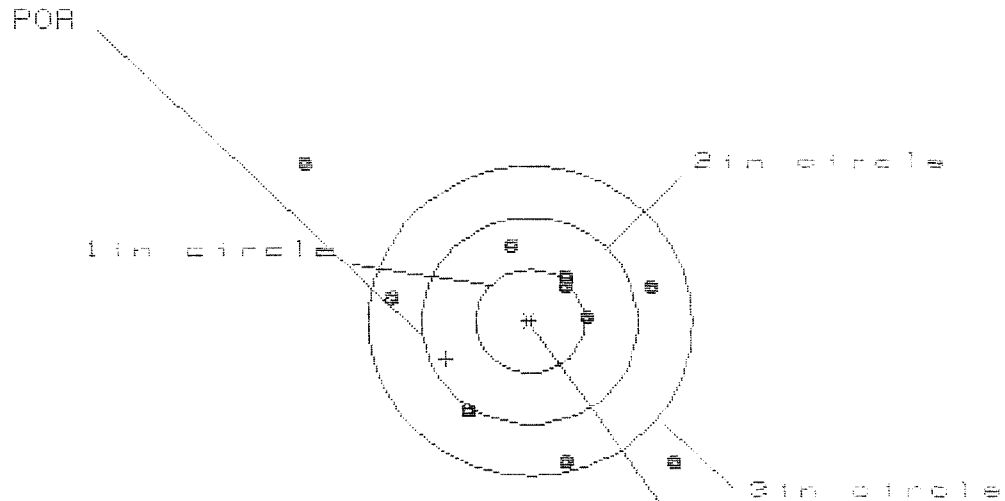
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 1.1444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.429
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.22182

THE AMR FOR THIS RIFLE IS: 1.04

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/05225227

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.390

VS = 2.918

GS = 4.473

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.356	1.138	1.876
MINIMUM X	-2.034	-1.508	-1.367
MAXIMUM Y	1.521	.889	.735
MINIMUM Y	-1.397	-1.228	-1.368
CENTROID X	.775	1.001	.860
CENTROID Y	.364	.195	.349
POA TO CENTROID in.	.857	1.020	.928
MIN RADIUS	.481	.341	.426
MEAN RADIUS	1.169	.999	.888
MAX RADIUS	2.540	1.669	1.395
HORIZONTAL SPREAD	3.390	2.638	2.443
VERTICAL SPREAD	2.918	2.117	2.103
EXTREME SPREAD	4.473	3.107	2.446
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

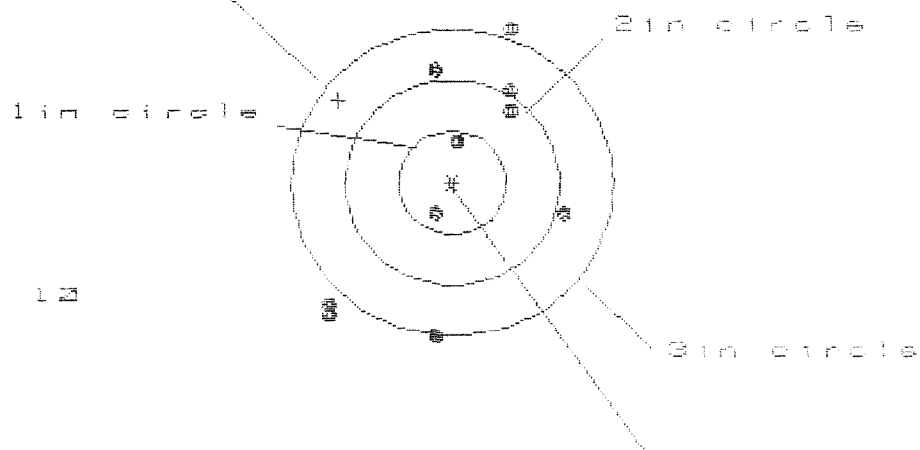
6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225827

CENTERFIRE PATTERNS

2

POA



OF SHOTS - 12

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 2.233

VS = 3.006

GS = 3.370

CENTROID #

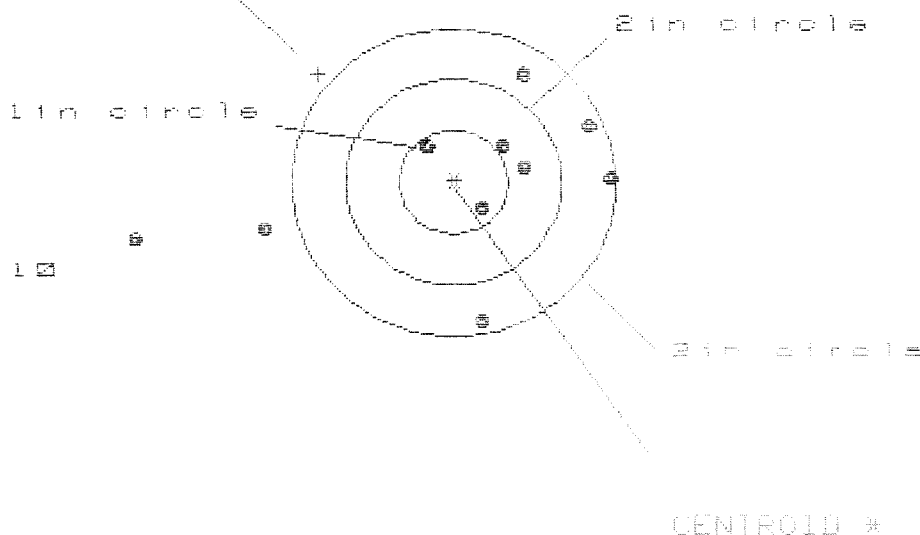
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	.934	.771
MINIMUM X	:	-1.173	-1.299	-1.497
MAXIMUM Y	:	1.553	1.404	1.233
MINIMUM Y	:	-1.453	-1.602	-1.773
CENTROID X	:	1.059	1.185	1.348
CENTROID Y	:	-.804	-.655	-.484
POA TO CENTROID in.	:	1.330	1.354	1.432
MIN RADIUS	:	.346	.308	.268
MEAN RADIUS	:	1.145	1.038	.881
MAX RADIUS	:	1.758	1.886	1.934
HORIZONTAL SPREAD	:	2.233	2.233	1.268
VERTICAL SPREAD	:	3.006	3.006	3.006
EXTREME SPREAD	:	3.370	3.283	3.103
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/Q8225227

CENTERFIRE PATTERNS # 3

POB



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 4

HS = 4.402

VS = 2.370

GS = 4.435

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.499	1.176	.923
MINIMUM X	:	-2.903	-2.022	-1.853
MAXIMUM Y	:	1.067	1.011	.943
MINIMUM Y	:	-1.303	-1.359	-1.427
CENTROID X	:	1.247	1.570	1.823
CENTROID Y	:	-1.051	-.995	-.927
POB TO CENTROID in.	:	1.631	1.859	2.045
MIN RADIUS	:	.327	.304	.055
MEAN RADIUS	:	1.215	.933	.737
MAX RADIUS	:	2.946	2.096	1.471
HORIZONTAL SPREAD	:	4.402	3.198	1.776
VERTICAL SPREAD	:	2.370	2.370	2.370
EXTREME SPREAD	:	4.435	3.243	2.413
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225827

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.766

VS= 1.886

GS= 2.520

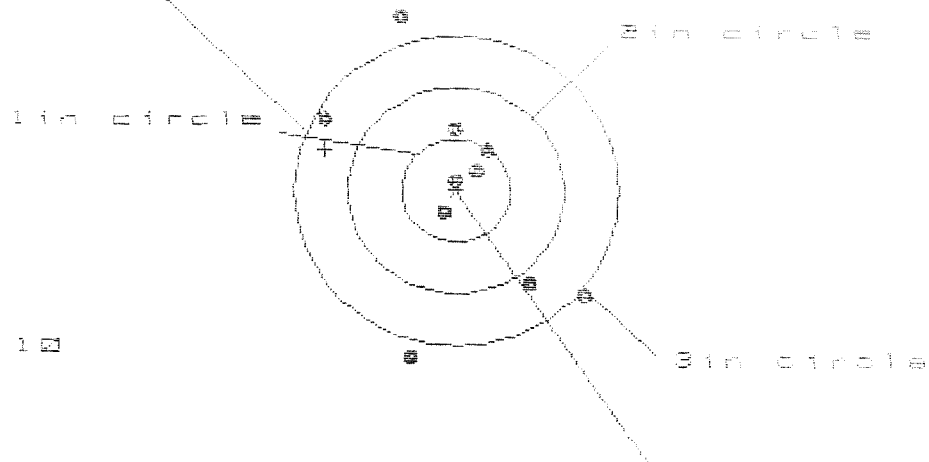
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.933	.737
MINIMUM X	:	-.759	-.833	-.717
MAXIMUM Y	:	1.143	.783	.707
MINIMUM Y	:	-.738	-.610	-.494
CENTROID X	:	1.425	1.499	1.383
CENTROID Y	:	-.253	-.381	-.305
POA TO CENTROID in.	:	1.448	1.547	1.416
MIN RADIUS	:	.297	.324	.234
MEAN RADIUS	:	.746	.666	.594
MAX RADIUS	:	1.327	1.115	.887
HORIZONTAL SPREAD	:	1.766	1.766	1.454
VERTICAL SPREAD	:	1.886	1.393	1.201
EXTREME SPREAD	:	2.520	2.006	1.464
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08223827

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 7

HS= 2.432

VS= 3.326

GS= 3.326

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.202	1.148	1.086
MINIMUM X	-1.230	-1.284	-1.346
MAXIMUM Y	1.697	.912	.732
MINIMUM Y	-1.629	-1.441	-1.960
CENTROID X	1.216	1.270	1.332
CENTROID Y	-.396	-.584	-.404
POA TO CENTROID in.	1.279	1.398	1.392
MIN RADIUS	.111	.170	.185
MEAN RADIUS	.926	.859	.727
MAX RADIUS	1.766	1.575	1.532

HORIZONTAL SPREAD	2.432	2.432	2.432
VERTICAL SPREAD	3.326	2.353	1.700
EXTREME SPREAD	3.326	2.967	2.967
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225227

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		JUL 29 1991	RW
600	Proof		JUL 29 1991	RW
607	Check Headspace		JUL 29 1991	RW
610	Dis-assemble Gun		JUL 29 1991	RW
612	Magnaflux Barrel Action		JUL 30 1991	KCR
	Magnaflux Bolt		JUL 30 1991	KCR
615	Rollmark Caliber		JUL 30 1991	CS
617	Drill and Tap Sight Holes		JUL 30 1991	FB
618	Polish Barrel		JUL 31 1991	WB
620	Apply Coatings (Barrel Action)		AUG 1 1991	TJA
	Apply Coating (Bolt)		AUG 1 1991	TJA
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							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs						9-25-91	DH
	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						9-24-91	AC
	A) Time						9-24-91	AC
	B) Malfunctions						9-24-91	AC
	C) Pierced Primers						9-24-91	AC
	D) Optical Clarity of Scope						9-24-91	AC
645	Inspect for Live Ammo						9-24-91	AC
655	Final Inspection A) Headspace						9-25-91	DH
	B) Trigger Pull	2.21	2.19	2.22	2.16	2.19	9/24/91	RW
	C) Function						9-25-91	DH
660	Pack						9/25/91	WB

RECEIVING AND ESTIMATING REPORT

CUST NO: 046771 C.O.D		COMMENTS M-24 SNIPER	
INITIAL JJM	CUSTOMER ORDER NO. 006249		
DATE RECEIVED 07/29/91	DATE OPENED 07/29/91	DATE CODE KI 5-88	SERIAL NUMBER C6225227
MODEL AND GRADE 700 7.62		NATO	
ACCESSORIES W/STUDS		SCOPE BASE	
		ORDER R 91-14525	

FROM:

CO D 2ND BN 1ST SPWAR TNG GP
C/O CPT M K STEPHENSON
FT BRAGG NC 28307
USA

SHIP TO:

CO D 2ND BN 1ST SPWAR TNG GP
C/O CPT M K STEPHENSON
FT BRAGG NC
USA 28307

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA DOOR
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☐ NEW ☐ SLIGHTLY WORN ☒ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

- 1) NEW BARREL
- 2) REPOWER - COAT TRIGGER GUARD Assy
- 3) CLEAN FIRE CONTROL

MAIN FAULT

PARTS	REPAIRMAN RW	PROOF ✓	CLEAN AC	TEST AC	TARGET AC	PATTERN
	GALLERY TESTER AC	DATE 7/29/91	DATE Sept 24	DATE Sept. 24	DATE Sept. 24	DATE

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011012

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225227
24 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.287939
1 TO	2	.244769
1 TO	3	.261276
1 TO	4	.241033
1 TO	5	.485108

0.5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0666
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0666972

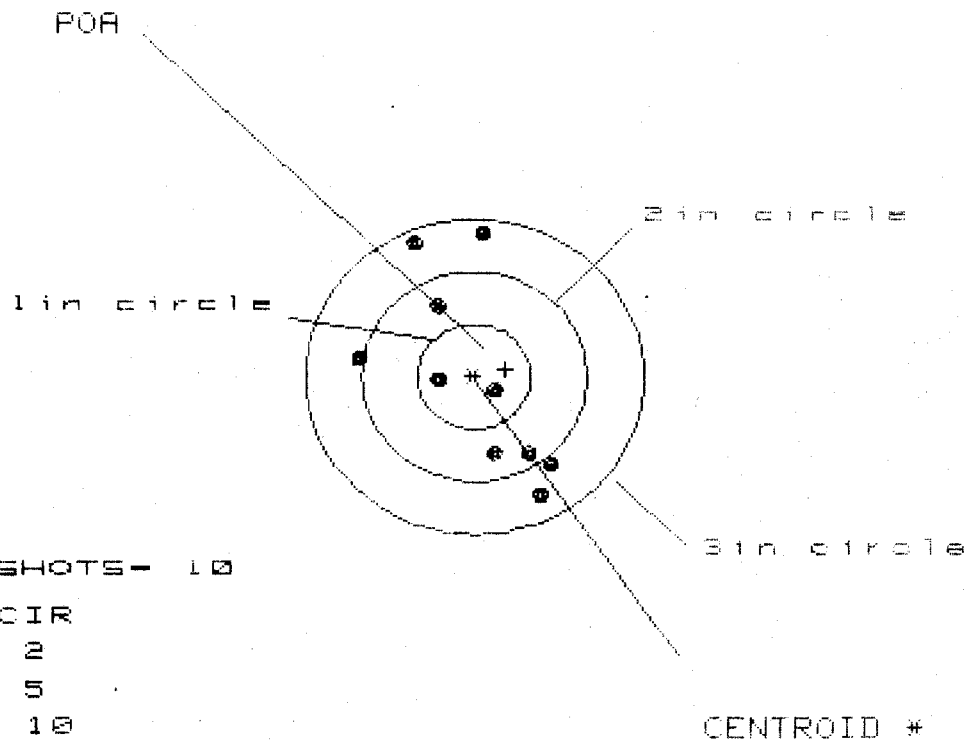
THE AMR FOR THIS RIFLE IS: .9174

24 Sep 1991

FILE: PATTERNING-CENTERFIRE_PATT/06025877

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 1.698

VS= 2.461

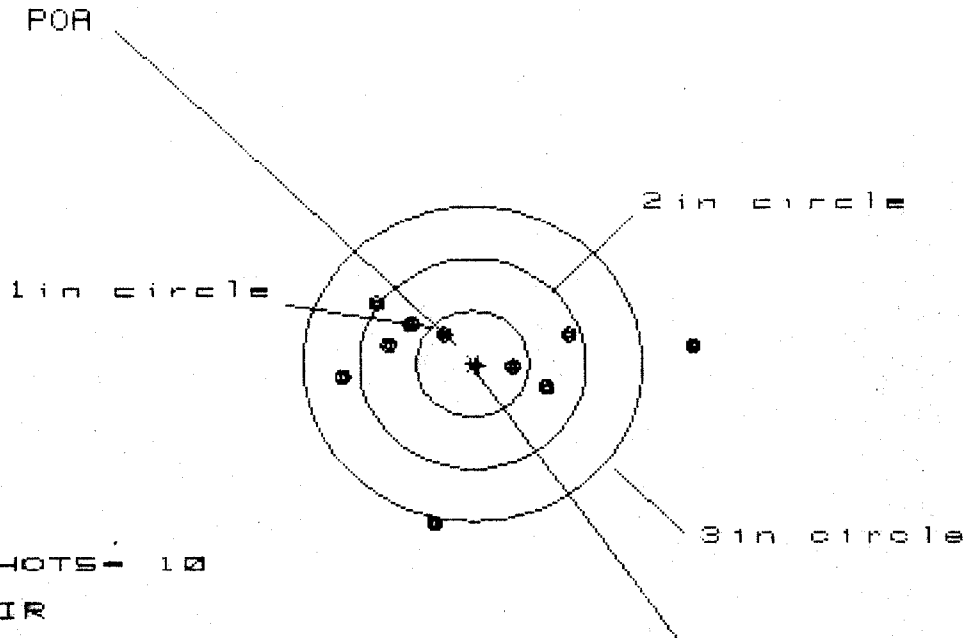
GS= 2.575

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.689	.702	.641
MINIMUM X	:	-1.009	-.996	-1.057
MAXIMUM Y	:	1.384	1.400	.960
MINIMUM Y	:	-1.077	-.924	-.749
CENTROID X	:	-.278	-.291	-.230
CENTROID Y	:	-.075	-.228	-.403
POA TO CENTROID in.	:	.288	.370	.464
MIN RADIUS	:	.199	.148	.202
MEAN RADIUS	:	.884	.803	.695
MAX RADIUS	:	1.388	1.482	1.171
HORIZONTAL SPREAD	:	1.698	1.698	1.698
VERTICAL SPREAD	:	2.461	2.324	1.709
EXTREME SPREAD	:	2.575	2.575	2.047
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225227

CENTERFIRE PATTERNS. # 2



* OF SHOTS- 10

* IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.007

VS= 2.116

GS= 3.019

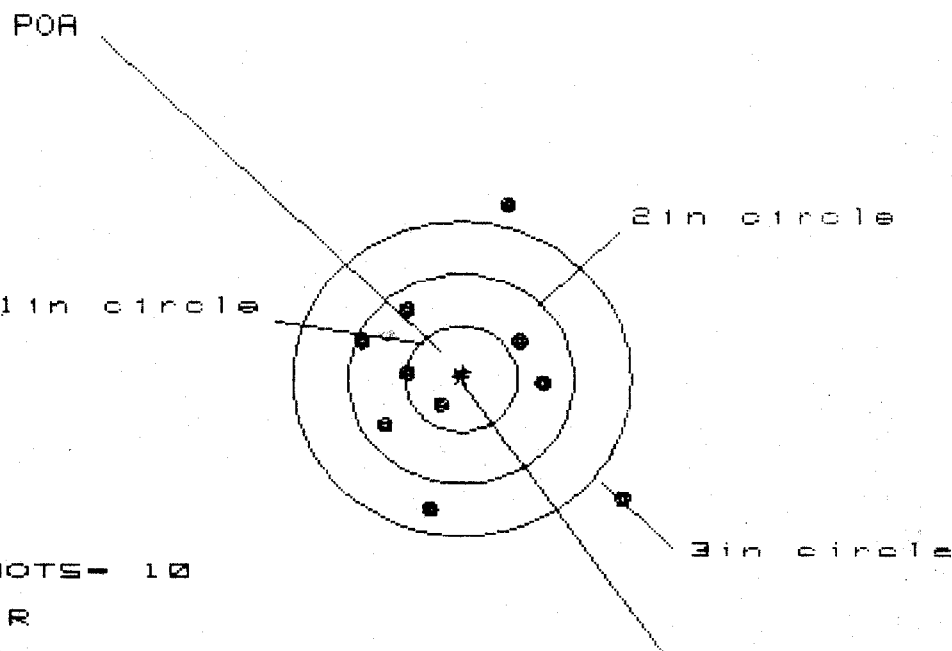
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.904	1.055	1.039
MINIMUM X	:	-1.103	-.892	-.908
MAXIMUM Y	:	.573	.592	.402
MINIMUM Y	:	-1.543	-1.524	-.344
CENTROID X	:	-.052	-.263	-.247
CENTROID Y	:	.019	-.000	.190
POA TO CENTROID in.	:	.055	.263	.312
MIN RADIUS	:	.356	.284	.102
MEAN RADIUS	:	.934	.801	.665
MAX RADIUS	:	1.911	1.529	1.047
HORIZONTAL SPREAD	:	3.007	1.947	1.947
VERTICAL SPREAD	:	2.116	2.116	.746
EXTREME SPREAD	:	3.019	2.195	1.988
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225227

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 2.312

VS = 2.869

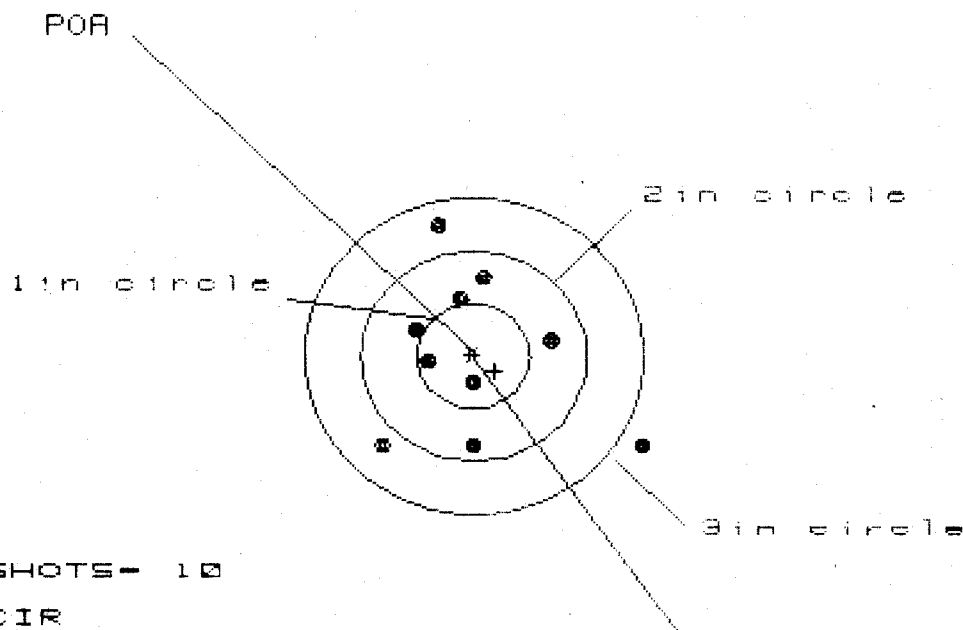
GS = 2.964

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.396	.861	.933
MINIMUM X	:	-.916	-.761	-.689
MAXIMUM Y	:	1.644	1.523	.687
MINIMUM Y	:	-1.225	-1.346	-1.156
CENTROID X	:	-.017	-.172	-.244
CENTROID Y	:	-.063	.058	-.132
POA TO CENTROID in.	:	.065	.182	.278
MIN RADIUS	:	.290	.310	.152
MEAN RADIUS	:	.934	.813	.680
MAX RADIUS	:	1.772	1.628	1.160
HORIZONTAL SPREAD	:	2.312	1.622	1.622
VERTICAL SPREAD	:	2.869	2.869	1.843
EXTREME SPREAD	:	2.964	2.964	1.848
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225227

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.252

VS= 2.131

GS= 2.748

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.489	.814	.882
MINIMUM X	:	-.763	-.597	-.609
MAXIMUM Y	:	1.259	1.163	.775
MINIMUM Y	:	-.872	-.968	-.822
CENTROID X	:	-.189	-.355	-.343
CENTROID Y	:	.149	.245	.099
POA TO CENTROID in.	:	.241	.431	.357
MIN RADIUS	:	.250	.325	.216
MEAN RADIUS	:	.821	.692	.625
MAX RADIUS	:	1.719	1.167	.974
HORIZONTAL SPREAD	:	2.252	1.411	1.411
VERTICAL SPREAD	:	2.131	2.131	1.597
EXTREME SPREAD	:	2.748	2.144	1.772
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

24 Sep 1991

FILE: PATTERNING CENTERFIRE_PATT/00000027

CENTERFIRE PATTERNS # 3

FOR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 3.118

VS = 2.357

LS = 3.121

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.734	.856	.707
MINIMUM X	-1.384	-1.192	-1.948
MAXIMUM Y	1.132	1.077	1.026
MINIMUM Y	-1.225	-1.280	-1.331
CENTROID X	.283	.011	.160
CENTROID Y	-.012	.043	.094
FOR TO CENTROID IN.	.204	.044	.185
MIN RADIUS	.269	.324	.362
MEAN RADIUS	1.014	.916	.859
MAX RADIUS	1.803	1.456	1.438
HORIZONTAL SPREAD	3.118	2.048	1.655
VERTICAL SPREAD	2.357	2.357	2.357
EXTREME SPREAD	3.121	2.530	2.446
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

88299

5081

FIXING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-08703

INITIAL
JJM

CUSTOMER ORDER NO.
9752

M-24 SNIPER

DATE RECEIVED
03/14/95

DATE OPENED
03/14/95

DATE CODE
OL 7-91

SERIAL NUMBER
C6225227

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPARTMENT OF THE ARMY
COMMANDER
D CO 2ND BN 1ST SWTG
FORT BRAGG

NC 28307

SHIP TO:

DEPARTMENT OF THE ARMY
COMMANDER
D CO 2ND BN 1ST SWTG
FORT BRAGG

NC

28307

CUST NO: 092876 C.A.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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.	New	Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Barrel 96003
Front Sight Mounting Base 96011
Repauder Coat Trigger Guard
Assy + Rear Sight Mounting
Base
ReZinc Scope Base & Swivel
Studs

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

M2400011020

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☒ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO 009752

DATE 3/13/95

CUSTOMER NAME:

US Army

REMINGTON EMPLOYEE:

ADDRESS:

D Co 7th Bn 1st SGT

YES ☐ NO ☒

EMPLOYEE #

DEPT. #

ZIP:

28307

PHONE:

910 432-7037

FIREARM

MODEL: M 24

CHECK FOR AMMUNITION

GAUGE: 7.62

SERIAL # C6225027

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES

NO

(BRAND NAME/POWER)

SLING: YES

NO

GUN CASE: YES

NO

(HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

12 MAR 95

SIGNATURE:

(Security Officer)

DATE:

SIGNATURE:

(Firearm picked up by)

DATE:

3-14-95

Arm Service Copy

Final Inspection

Sn: C6225227

DATE REC'D: 3/14/95

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: _____

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225227

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/16/95	RW
600	Proof		3/16/95	RW
607	Check Headspace		3/16/95	RW
610	Dis-assemble Gun		3/16/95	RW
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		3/31/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/31/95	RW
	C) Inspect Ejector Hole for Chamfer		3/31/95	RW
	D) Oil Firing Pin Ass'y		3/31/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force						
	G) Safety Off Force						
	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					4/1/95	RW
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					4/1/95	RW
655	Final Inspection						
	A) Headspace					4/3/95	RW
	B) Trigger Pull						
	C) Function					4/3/95	RW
660	Pack						

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225227
22 May 1995

CENTROIDAL DISTANCES

0 TO	1	.221298
1 TO	2	.325122
1 TO	3	.0390512
1 TO	4	.26967
1 TO	5	.370412

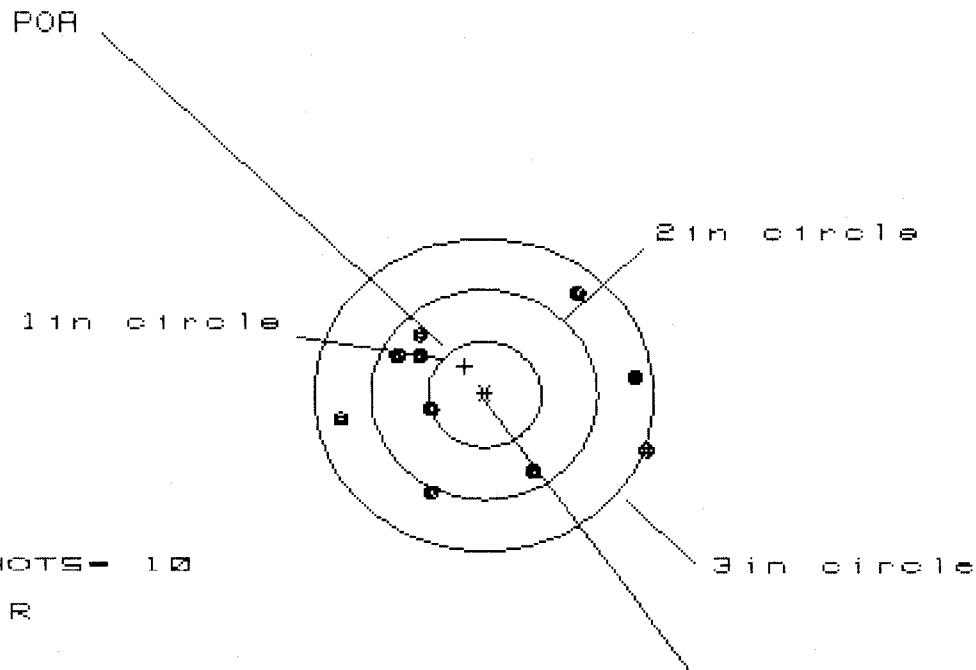
5+
3 1/2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0646
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1292
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14445
THE AMR FOR THIS RIFLE IS: .9992

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225227.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in = 9

HS- 2.744

VS= 1.835

GS= 2.756

CENTROID *

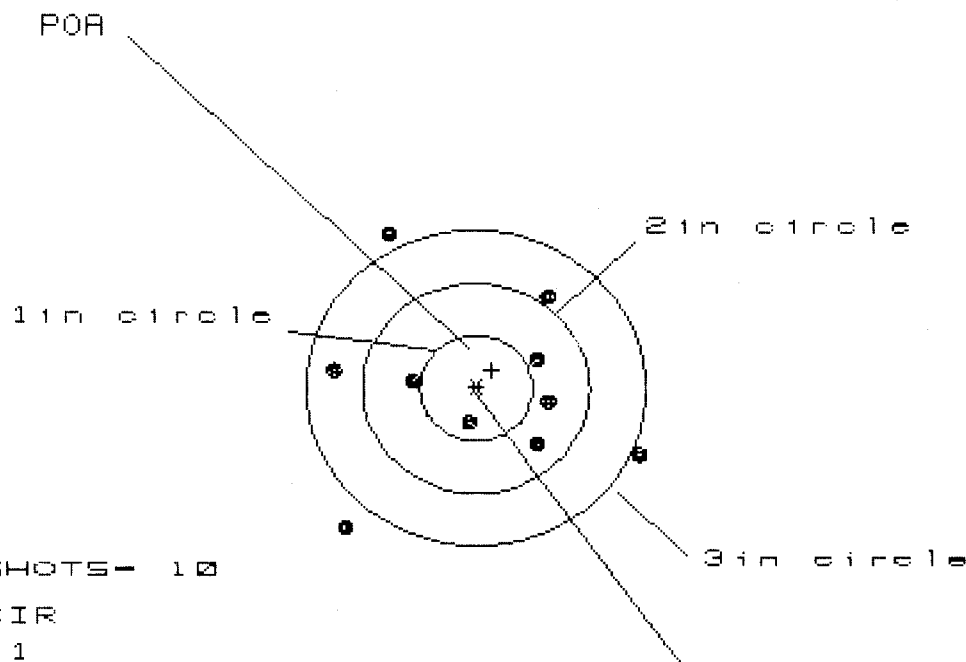
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.475	1.526	1.203
MINIMUM X	-1.269	-1.105	-.914
MAXIMUM Y	.955	.899	.912
MINIMUM Y	-.880	-.936	-.923
CENTROID X	.172	.008	-.183
CENTROID Y	-.271	-.216	-.229
POA TO CENTROID in.	.321	.216	.293
MIN RADIUS	.456	.322	.171
MEAN RADIUS	1.022	.917	.779
MAX RADIUS	1.557	1.529	1.509
HORIZONTAL SPREAD	2.744	2.631	2.117
VERTICAL SPREAD	1.835	1.835	1.835
EXTREME SPREAD	2.756	2.661	2.430
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8225227

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.779

VS= 2.812

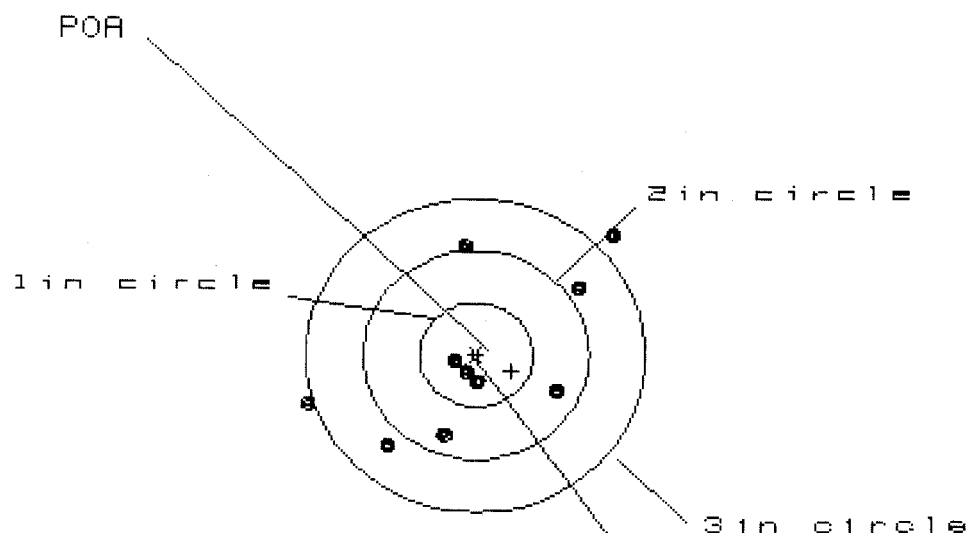
GS= 3.079

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.477	1.349	1.238
MINIMUM X	-1.302	-1.430	-1.541
MAXIMUM Y	1.505	1.360	.852
MINIMUM Y	-1.307	-.752	-.582
CENTROID X	-.138	-.010	.101
CENTROID Y	-.173	-.028	-.198
POA TO CENTROID in.	.221	.030	.222
MIN RADIUS	.302	.463	.366
MEAN RADIUS	1.028	.937	.809
MAX RADIUS	1.738	1.626	1.553
HORIZONTAL SPREAD	2.779	2.779	2.779
VERTICAL SPREAD	2.812	2.112	1.434
EXTREME SPREAD	3.079	3.079	2.883
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225227

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 5

3 in = 8

HS- 2.661

VS= 1.976

GS= 3.076

CENTROID #

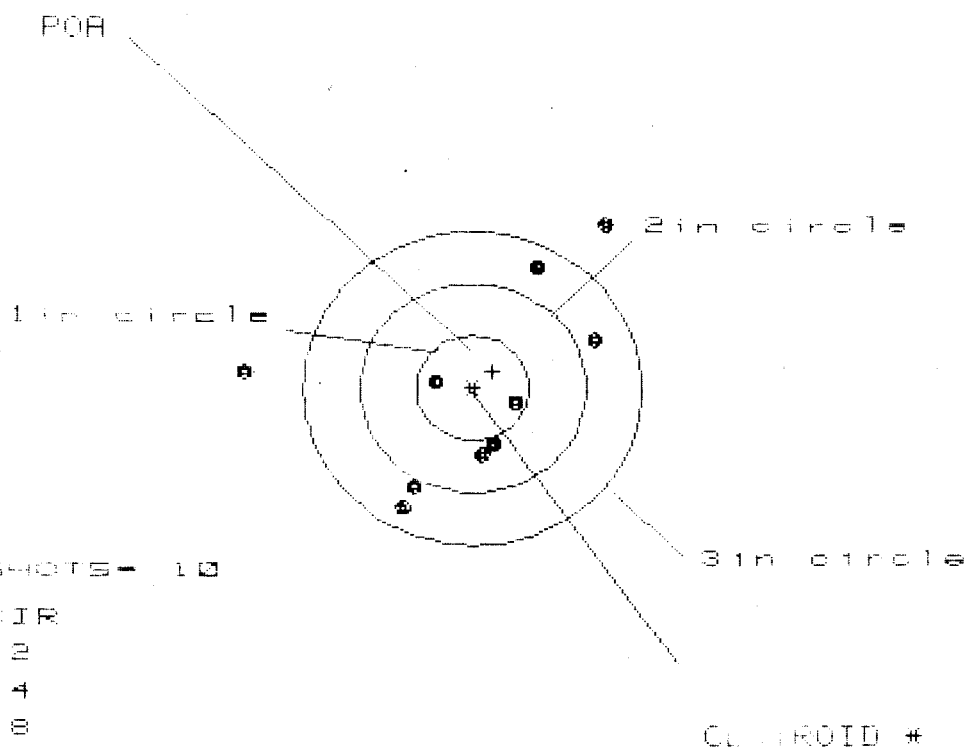
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.196	1.001	.834
MINIMUM X	:	-1.465	-1.332	-.793
MAXIMUM Y	:	1.111	1.201	1.162
MINIMUM Y	:	-.865	-.742	-.781
CENTROID X	:	-.312	-.445	-.278
CENTROID Y	:	.154	.031	.070
POA TO CENTROID in.	:	.348	.446	.287
MIN RADIUS	:	.159	.061	.121
MEAN RADIUS	:	.870	.748	.676
MAX RADIUS	:	1.632	1.367	1.166
HORIZONTAL SPREAD	:	2.661	2.333	1.627
VERTICAL SPREAD	:	1.976	1.943	1.943
EXTREME SPREAD	:	3.076	2.569	2.219
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225227

CENTERFIRE PATTERNS

3



+ OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 3.261

VS = 2.774

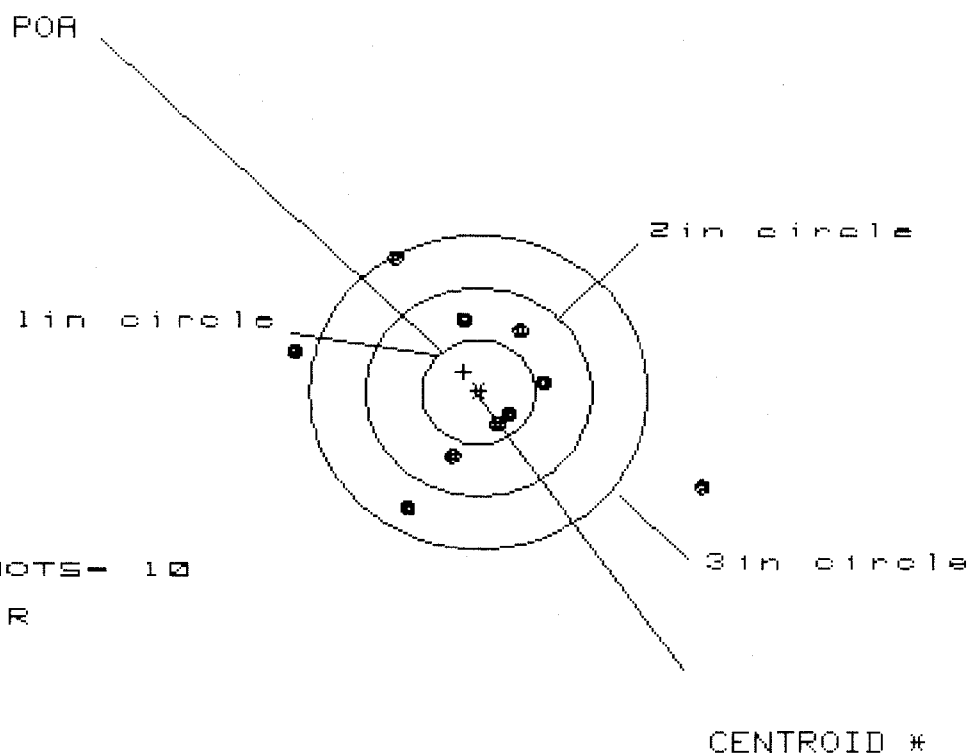
CS = 3.555

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	.981	.984
MINIMUM X	:	-2.052	-.869	-.746
MAXIMUM Y	:	1.610	1.631	1.356
MINIMUM Y	:	-1.164	-1.143	-.939
CENTROID X	:	-.176	.052	-.071
CENTROID Y	:	-.164	-.135	-.389
POA TO CENTROID in.	:	.241	.193	.396
1IN RADIUS	:	.284	.241	.306
MEAN RADIUS	:	1.087	.959	.787
MAX RADIUS	:	2.061	1.904	1.432
HORIZONTAL SPREAD	:	3.261	1.850	1.730
VERTICAL SPREAD	:	2.774	2.774	2.295
EXTREME SPREAD	:	3.555	3.334	2.593
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225227

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 7

HS= 3.660

VS= 2.421

GS= 3.882

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.981	.826	.644
MINIMUM X	-1.679	-1.459	-.681
MAXIMUM Y	1.327	1.223	1.255
MINIMUM Y	-1.094	-1.198	-1.166
CENTROID X	.131	-.089	.093
CENTROID Y	-.192	-.088	-.120
POA TO CENTROID in.	.233	.126	.152
MIN RADIUS	.305	.519	.384
MEAN RADIUS	.989	.885	.760
MAX RADIUS	2.191	1.481	1.428
HORIZONTAL SPREAD	3.660	2.285	1.325
VERTICAL SPREAD	2.421	2.421	2.421
EXTREME SPREAD	3.882	2.425	2.425
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225227
4 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0024
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0944
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0944305

THE AMR FOR THIS RIFLE IS: 1.028

CENTROIDAL DISTANCES

0 TO 1	.142299
1 TO 2	.774732
1 TO 3	.26011
1 TO 4	.155913
1 TO 5	.149372

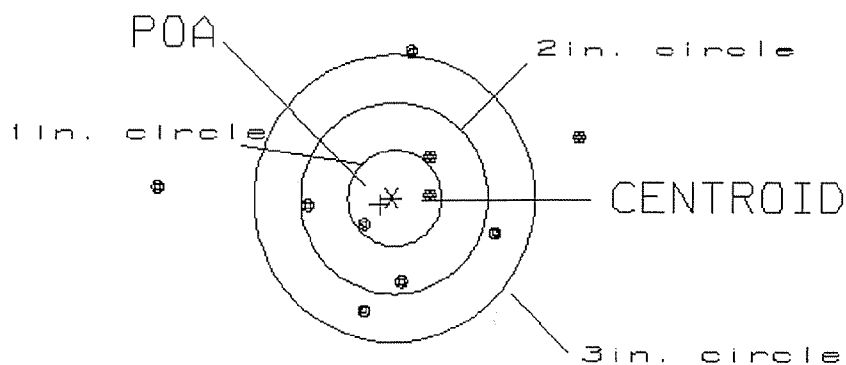
2 4 3
+ 5 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .142
 MIN RADIUS : .365
 MEAN RADIUS : 1.144
 MAX RADIUS : 2.515
 CENTROID X : .125
 CENTROID Y : .068

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225227

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.50

2

VS= 2.65

5

GS= 4.52

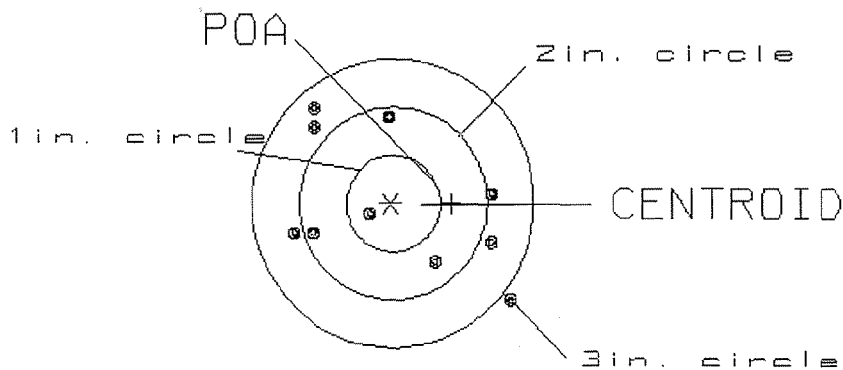
8

PATTERN #: 2
 POA TO CENTROID: .647
 MIN RADIUS : .277
 MEAN RADIUS : 1.040
 MAX RADIUS : 1.625
 CENTROID X : -.647
 CENTROID Y : .003

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225227

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.33
 VS= 2.02
 GS= 2.99

1
 4
 9

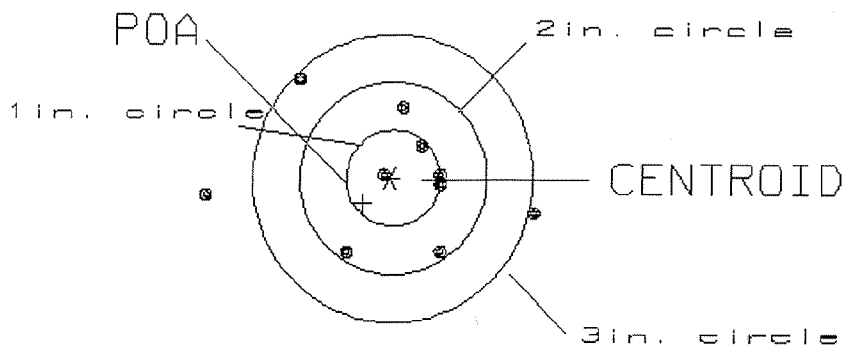
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .397
 MIN RADIUS : .084
 MEAN RADIUS : .907
 MAX RADIUS : 1.974
 CENTROID X : .296
 CENTROID Y : .264

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225227

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.51
 US= 1.77
 GS= 3.51

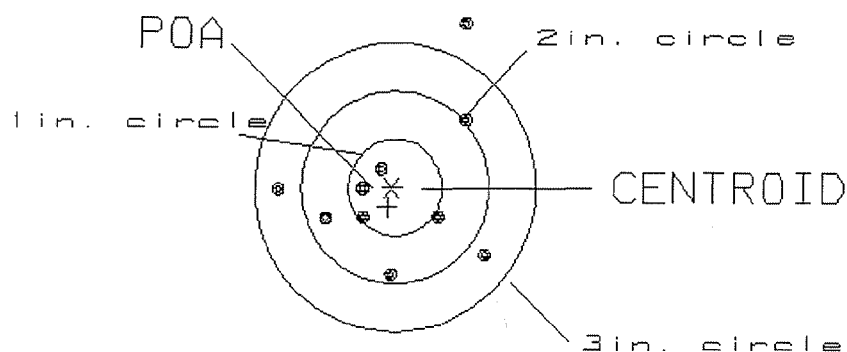
2
 7
 8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .209
 MIN RADIUS : .264
 MEAN RADIUS : .870
 MAX RADIUS : 1.879
 CENTROID X : .047
 CENTROID Y : .203

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225227

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.22

3

VS= 2.62

7

GS= 2.76

9

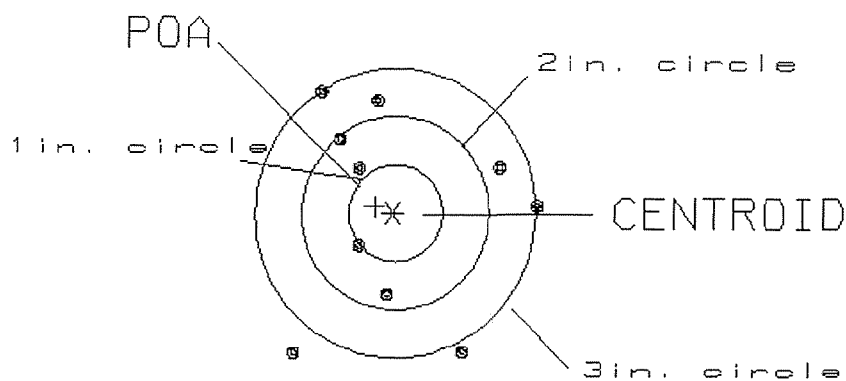
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .202
 MIN RADIUS : .539
 MEAN RADIUS : 1.179
 MAX RADIUS : 1.802
 CENTROID X : .191
 CENTROID Y : -.066

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225227

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.63
 VS= 2.71
 GS= 3.09

0
 4
 7

ING AND ESTIMATING REPORT

COMMENTS

ORDER

R 97-01374

INITIAL CUSTOMER ORDER NO.

SNIPER M-24

DATE RECEIVED 01/17/97

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/17/97

01/17/97

AP 3-95

C6225227

700 7.62

NATO

ACCESSORIES

SCOPE BASE

W/STUDS

FROM:

SHIP TO:

DEPT OF THE ARMY
D CO 2ND BN 1ST SWTG (A)
FT BRAGG NC 28307

DEPT OF THE ARMY
D CO 2ND BN 1ST SWTG (A)
FT BRAGG NC 28307

CUST NO: 135960 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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

W52 H097063 H545

PARTS

COMMENTS

Barrel - 96003
BOLT - 96005
Mag Spring 15677
Front Sight Base 96018
Stock - 96018

Re powder Coat Trigger Guard
Assy & Rear Sight Base
Re Zinc Scope Base

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011037

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☒ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO 011786

DATE

1/16/97

CUSTOMER NAME:

FT Bragg MC.

ADDRESS:

B-2-1ST SWTG (A)

ZIP:

28317

PHONE:

910 432 9771

FIREARM

MODEL: M-24

CHECK FOR AMMUNITION

GAUGE:

SERIAL # C6225227

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES NO

(BRAND NAME/POWER)

SLING: YES NO

GUN CASE: YES NO

(HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

ATT: Fred MARTIN

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

16 JAN 97

SIGNATURE:

(Security Officer)

DATE:

1/16/97

SIGNATURE:

(Firearm picked up by)

DATE:

Arm Service Copy

21 DAY TURN - AROUND *New Barrel, Bolt, Stock*

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225727*

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #	OP. NAME
550	DIS-ASSEMBLE GUN
560 A	RE-BARREL AT CUSTOM SHOP
B	DRILL & TAP
C	POLISH
575	ASSEMBLE
600	PROOF
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
655	FINAL INSPECT
660	PACK

1/20/97

RW

3/3/97

RW

2/27/97

RW

3/3/97

RW

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225227

DATE REC'D: 1/17/97

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: _____

