

NEW ACTION

C6225227

E 6374491

MODEL 700TM M24

Model 700 M24TM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225227

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY 2	26	FB
600	PROOF 12	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		

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 r 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		26aug88	W.B.+J.S.
	F) Safety on Force	6.25 6 6.25	26aug88	W.B.+J.S.
	G) Safety off Force	3 3 2.75	26aug88	W.B.+J.S.
	H) Trigger Pull Test & Retainabilty		26aug88	W.B.+J.S.
	I) Firing Pin Indent	.0225 .023 .022	26aug88	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	JY
640	Gallery Target & Test	72 R 83L	10/5/88	DA
	A) Optical Clarity of Scope		10/5/88	JY
645	Inspect for Live Ammo		10/5/88	JY
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.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225227DATE 26 Aug. 88TESTER W.B. + J.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,
PULL #2	2.77	2.28	2.36	2.32	NO AVG. OF 5
PULL #3	2.62	2.23	2.46	2.35	READINGS ACCEPT-
PULL #4	2.56	2.27	2.37	2.35	ABLE LESS THAN 2#
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

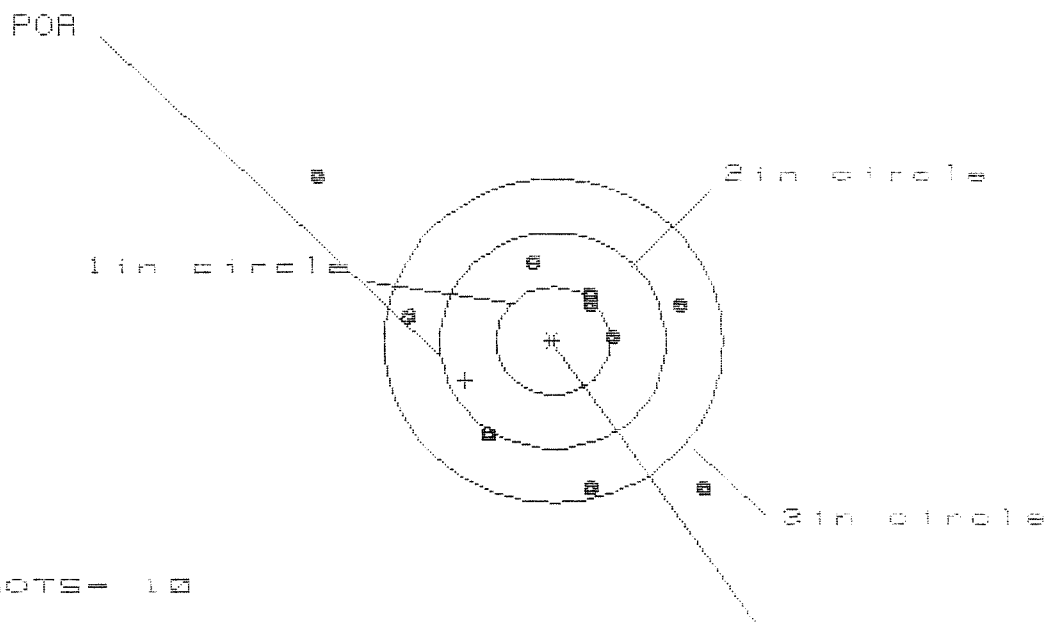
+ 1
4
3
2
POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 1.1444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.428
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.22182
THE AMR FOR THIS RIFLE IS: 1.04

8 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225227

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

CENTROID #

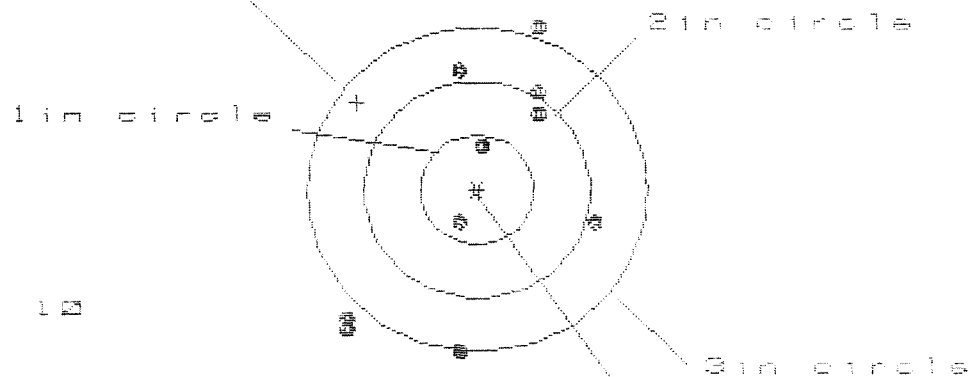
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.356	1.130	1.076
MINIMUM X	:	-2.034	-1.508	-1.367
MAXIMUM Y	:	1.521	.889	.735
MINIMUM Y	:	-1.397	-1.228	-1.368
CENTROID X	:	.775	1.001	.860
CENTROID Y	:	.364	.195	.349
POR TO CENTROID in.	:	.857	1.020	.928
MIN RADIUS	:	.481	.341	.426
MEAN RADIUS	:	1.169	.999	.882
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/08225227

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 12

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 2.233

VS = 3.006

ES = 3.370

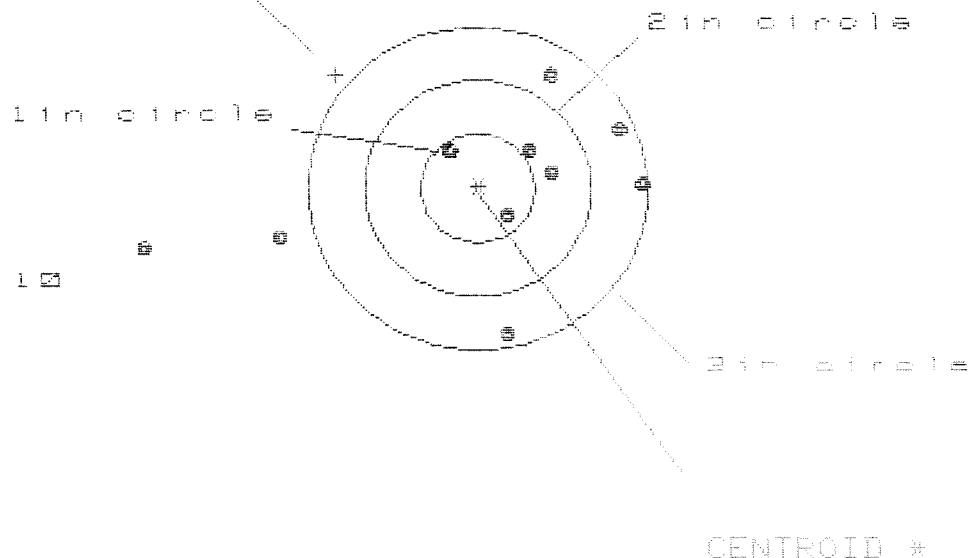
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	.934	.771
MINIMUM X	:	-1.173	-1.299	-.497
MAXIMUM Y	:	1.553	1.404	1.233
MINIMUM Y	:	-1.453	-1.602	-1.773
CENTROID X	:	1.059	1.185	1.348
CENTROID Y	:	-.804	-.655	-.484
POA TO CENTROID in.	:	1.330	1.354	1.432
MIN RADIUS	:	.346	.308	.268
MEAN RADIUS	:	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/08225827

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 4.402

VS = 2.370

GS = 4.435

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.499
MINIMUM X	-2.903
MAXIMUM Y	1.067
MINIMUM Y	-1.303
CENTROID X	1.247
CENTROID Y	-1.051
POA TO CENTROID in.	1.631
MIN RADIUS	.327
MEAN RADIUS	1.215
MAX RADIUS	2.946
HORIZONTAL SPREAD	4.402
VERTICAL SPREAD	2.370
EXTREME SPREAD	4.435
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

6 Oct 1966

FILE: PATTERNING/CENTERFIRE_PATT/08225227

CENTERFIRE PATTERNS

4

POB

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

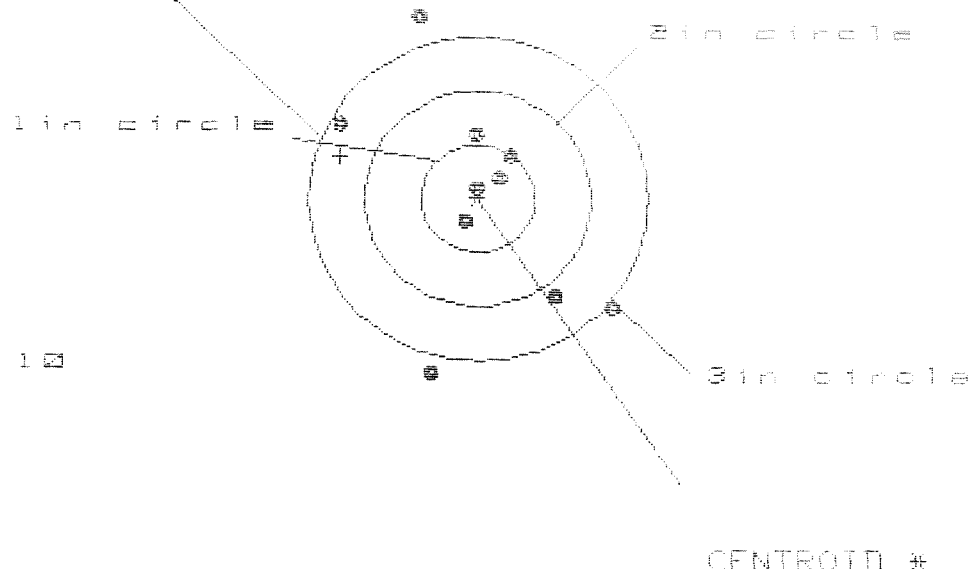
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.933	.737
MINIMUM X	:	-.759	-.833	-.717
MAXIMUM Y	:	1.148	.783	.707
MINIMUM Y	:	-.738	-.610	-.494
CENTROID X	:	1.425	1.499	1.383
CENTROID Y	:	-.253	-.381	-.305
POB TO CENTROID in.	:	1.448	1.547	1.416
MIN RADIUS	:	.297	.324	.234
MEAN RADIUS	:	.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/06285227

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

PATTERN #	5	9	8
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	-.968
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	.195
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	

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	ES
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. #	BARBER - M24 0010972	READINGS						
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						7-25-91	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						7-24-91	AC
	A) Time						7-24-91	AC
	B) Malfunctions						7-24-91	AC
	C) Pierced Primers						7-24-91	AC
	D) Optical Clarity of Scope						7-24-91	AC
645	Inspect for Live Ammo						7-24-91	AC
655	Final Inspection A) Headspace						7-25-91	DH
	B) Trigger Pull	2.21	2.19	2.22	2.16	2.19	9/24/91	RW
	C) Function						7-25-91	DH
660	Pack						9/25/91	WB

CUST NO: 046771 C.O.D

COMMENTS
M-24 SNIPERINITIAL
JJM
CUSTOMER ORDER NO.
006249DATE RECEIVED
07/29/91
DATE OPENED
07/29/91
DATE CODE
KI 5-88SERIAL NUMBER
C6225227MODEL AND GRADE
700 7.62

NATO

ORDER
R 91-14525ACCESSORIES
W/STUDS SCOPE BASE

FROM:

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

SHIP TO:

CD 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

REPAIR CHARGE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

GUN CONDITION:

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

CUSTOMER'S REQUEST

- 1) NEW BARREL
2) REPOUNDER - CONT TRIGGER GUARD ASSY
3) CLEAN FIRE CONTROL

MAIN FAULT

PARTS

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

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER M24 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

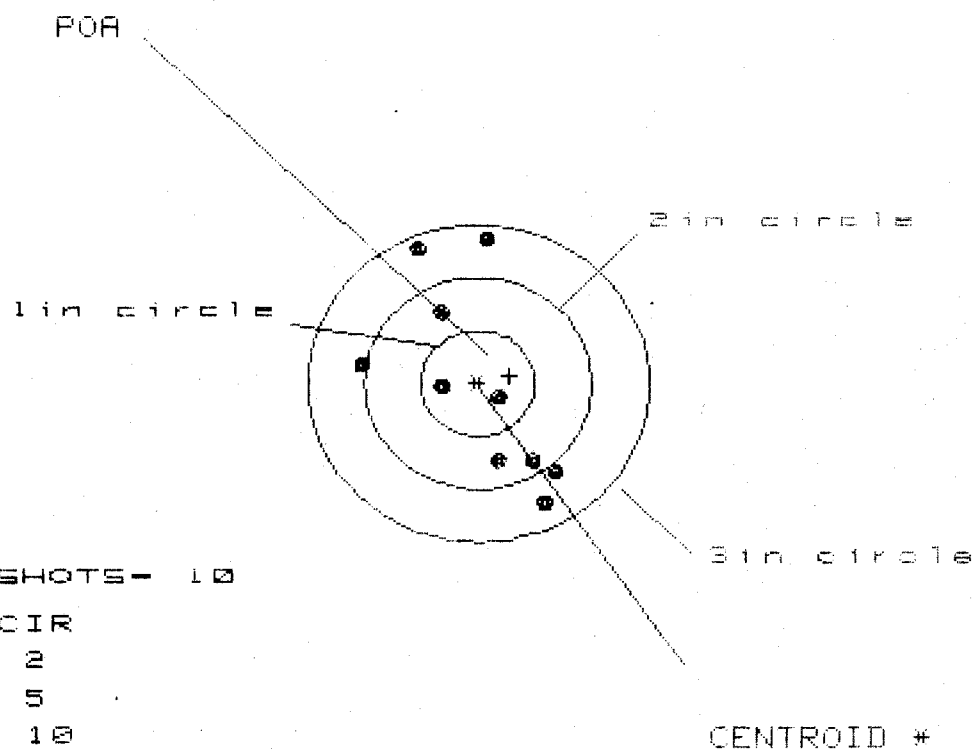
135 <----POA

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/0825277

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 1.698

VS = 2.461

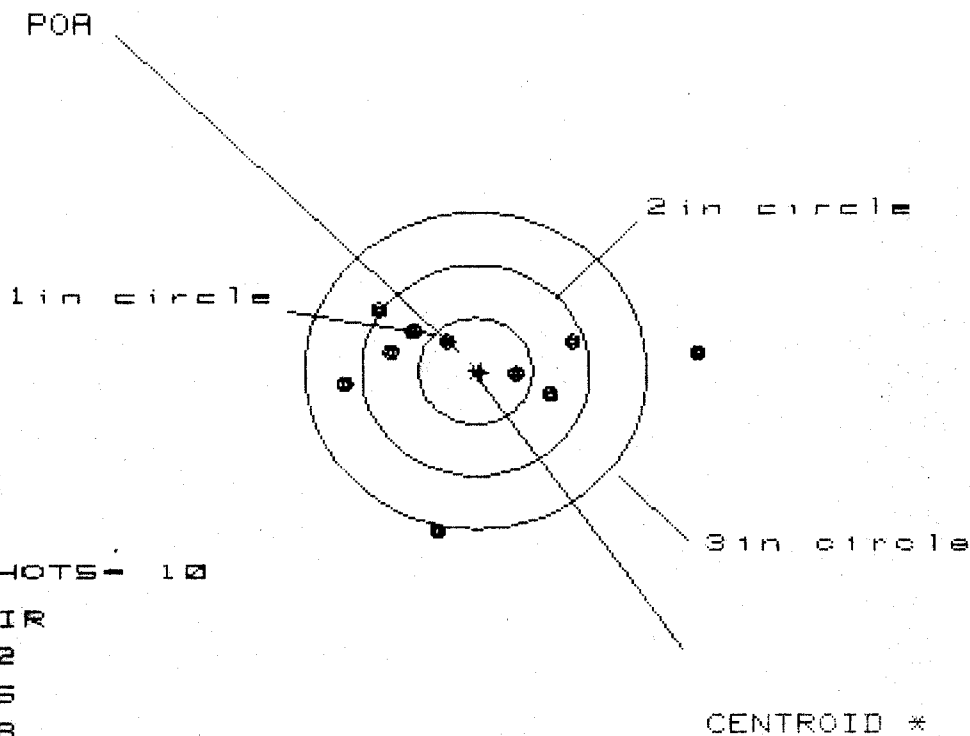
GS = 2.575

PATTERN #	1	2	3
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

1 in = 2

2 in = 6

3 in = 8

HS= 3.007

VS= 2.116

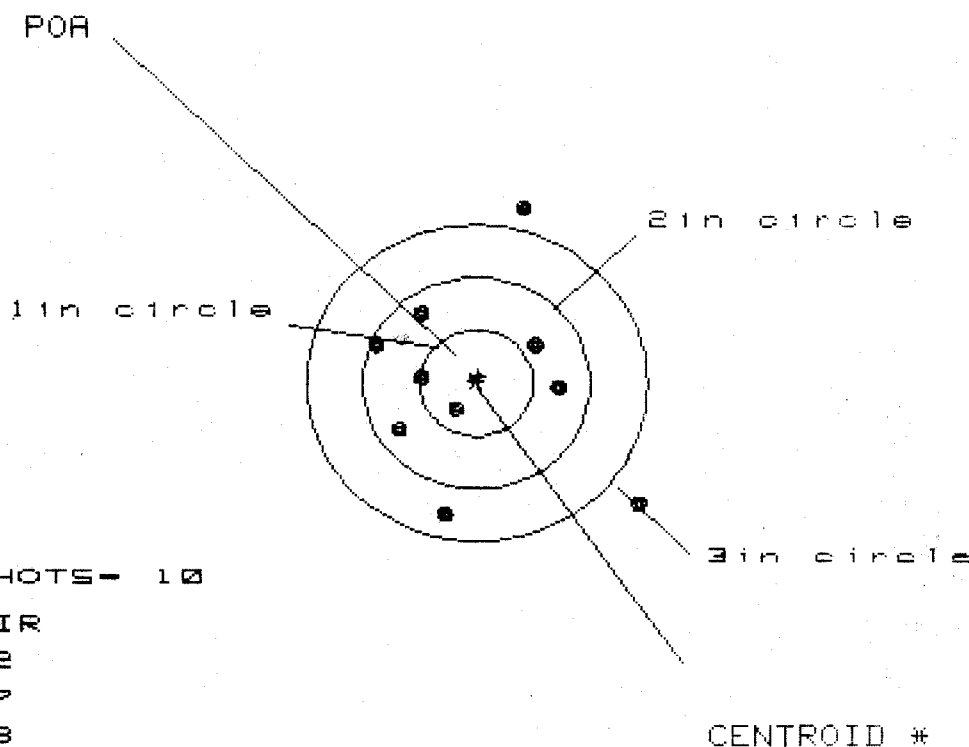
GS= 3.019

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/06225227

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.312

VS = 2.869

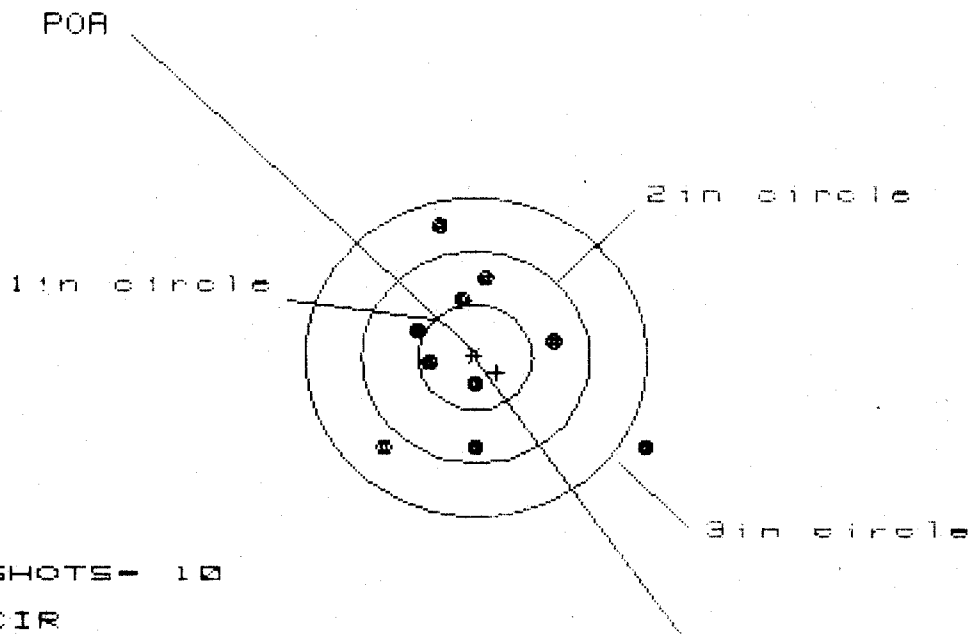
GS = 2.964

PATTERN #	:	10	9	8
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

1in = 2

2in = 7

3in = 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	.802
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 1931

FILE PATTERNS CENTERFIRE PATTERNS

CENTERFIRE PATTERNS

5

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

MS - 3.118

VS - 2.357

ES - 3.121

PATTERN #	:	10	9	6
SHOTS (BEST OF)	:	10	9	6
MAXIMUM X	:	1.224	.856	.767
MINIMUM X	:	-1.264	-1.192	-.948
MAXIMUM Y	:	1.132	1.077	1.026
MINIMUM Y	:	-1.225	-1.280	-1.331
CENTROID X	:	.203	.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		

BARBER - M24 **M2400011019**

INITIAL
JJM

CUSTOMER ORDER NO.

9752

M-24 SNIPER

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
03/14/95	03/14/95	OL 7-91	C6225227		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.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.	New	Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS
-------	----------

Barrel	96003	Repowder Coat Trigger Guard
Front Sight Mounting Base	96011	ASby & Rear Sight Mounting Base
		Re-zinc Scope Base & Swive
		Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

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 N? 009752

DATE 3/13/95

CUSTOMER NAME: US ARMY

REMINGTON EMPLOYEE:

ADDRESS: D Co 7th Bn 1st SFGT

YES ☐ NO ☒

1st Bragg NC

EMPLOYEE # _____

ZIP: 28307

DEPT. # _____

PHONE: 910 432 9037

FIREARM MODEL: M 24

CHECK FOR AMMUNITION ☒

GAUGE: 7.62

SERIAL # 66225027

CONDITION:

N/A

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)

scope base

CUSTOMER REQUEST: Recon

SIGNATURE: [Signature]
(Person delivering firearm to Plant)

DATE: 13 MAR 95

SIGNATURE: [Signature]
(Security Officer)

DATE: _____

SIGNATURE: [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: PW

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

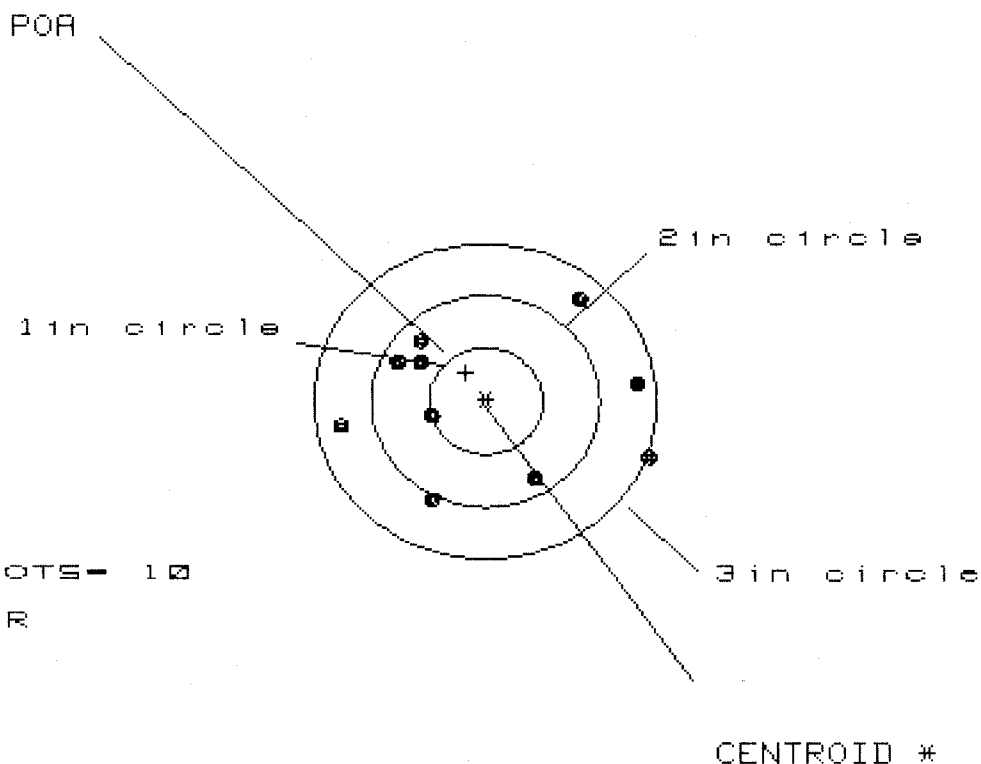
$5 + \frac{3}{2}$ <----POA

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 *

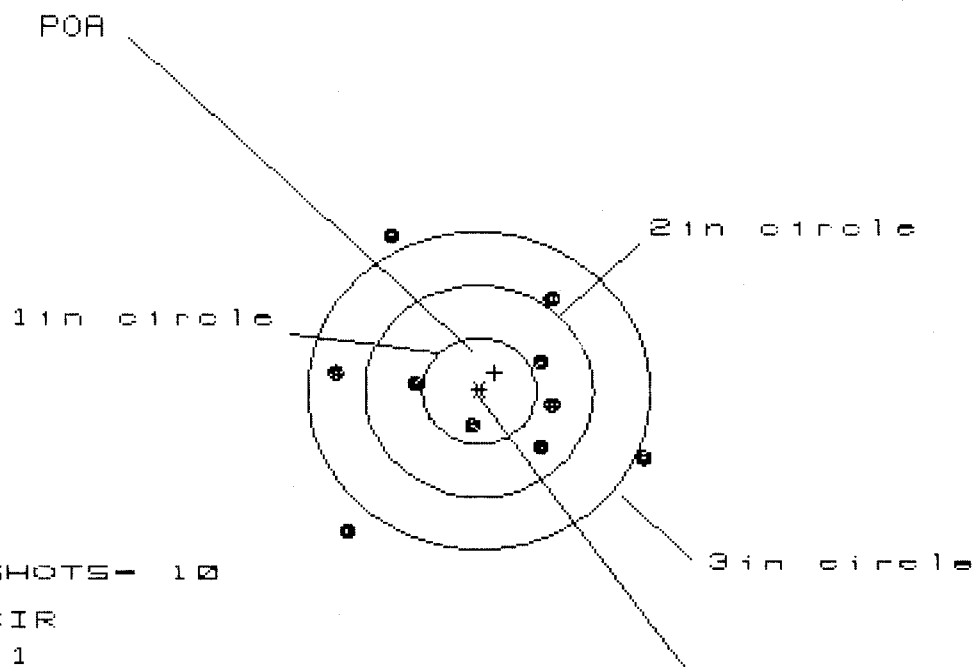
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.475	1.526	1.203
MINIMUM X	-1.269	-1.105	-.914
MAXIMUM Y	.955	.899	.912
MINIMUM Y	-.880	-.936	-.923
CENTROID X	.172	.008	-.183
CENTROID Y	-.271	-.216	-.229
POA TO CENTROID in.	.321	.216	.293
MIN RADIUS	.456	.322	.171
MEAN RADIUS	1.022	.917	.779
MAX RADIUS	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

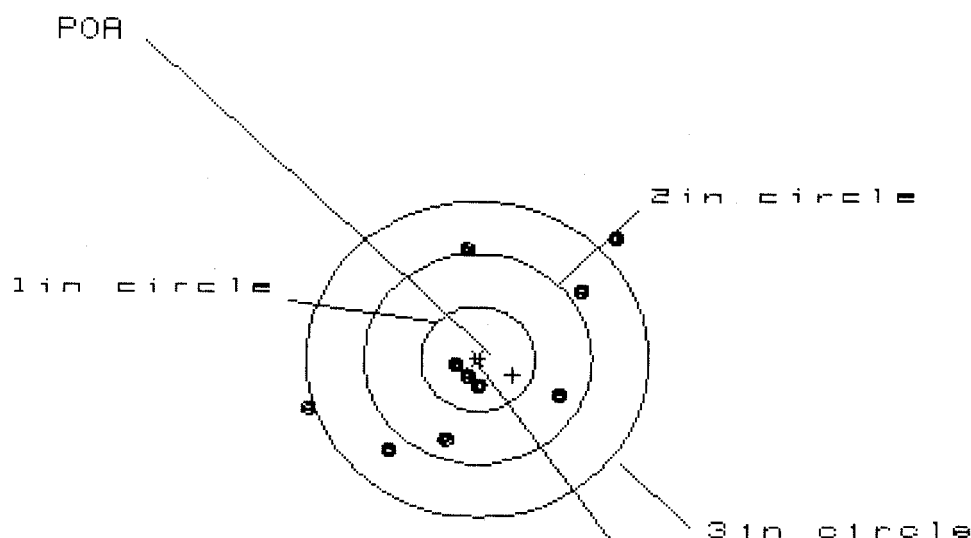
GS= 3.079

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	

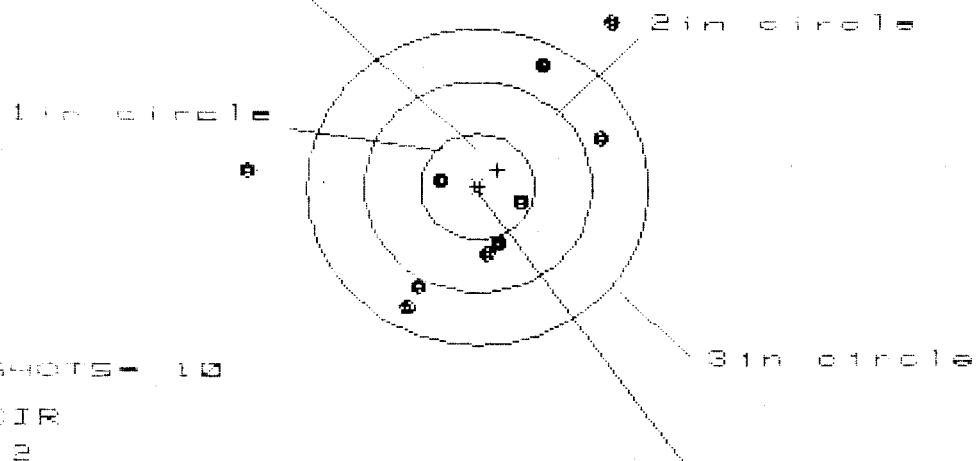
22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225227

CENTERFIRE PATTERNS

3

POA



+ OF SHOTS - 10

IN CIR

1in - 2

2in - 4

3in - 8

HS - 3.261

VS - 2.774

CS - 3.555

CENTROID #

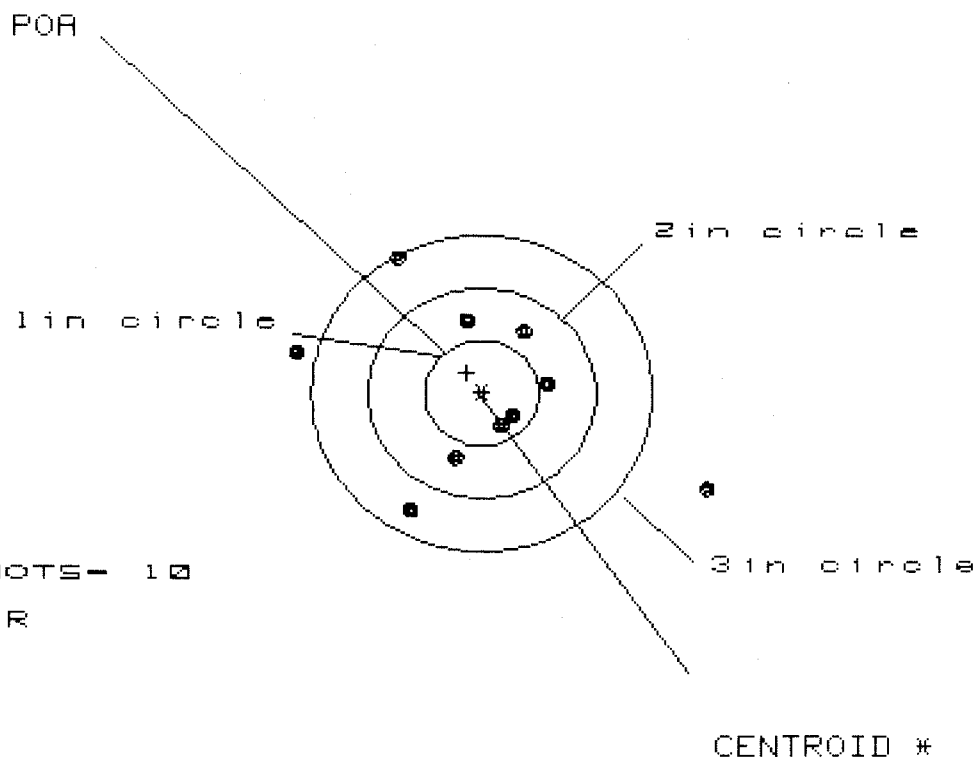
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	.981	.984
MINIMUM X	:	-2.052	-.869	-.746
MAXIMUM Y	:	1.610	1.631	1.356
MINIMUM Y	:	-1.164	-1.143	-.939
CENTROID X	:	-.176	.052	-.071
CENTROID Y	:	-.164	-.185	-.389
POA TO CENTROID in.	:	.241	.193	.396
MIN RADIUS	:	.284	.241	.306
MEAN RADIUS	:	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 = 5

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
+ 1 5 <----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .142

MIN RADIUS : .365

MEAN RADIUS : 1.144

MAX RADIUS : 2.515

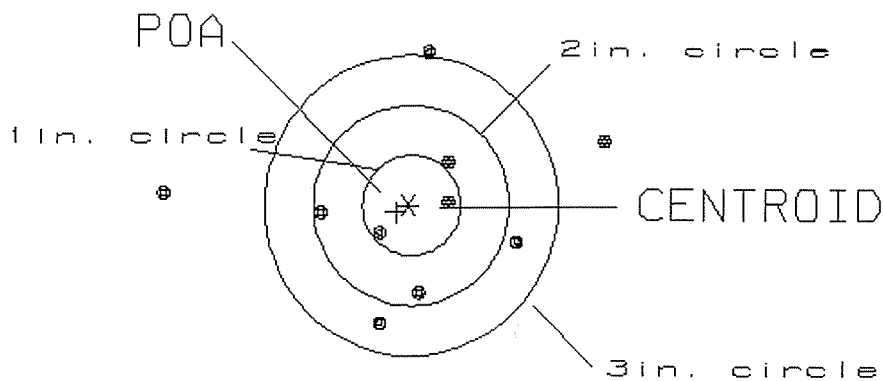
CENTROID X : .125

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

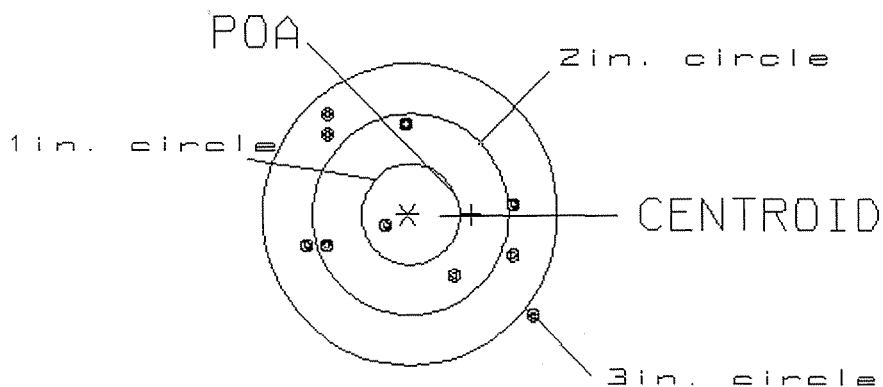
CENTROID X : -.647

CENTROID Y : .003

4 Mar 1997

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

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.33

1

VS= 2.02

4

GS= 2.99

9

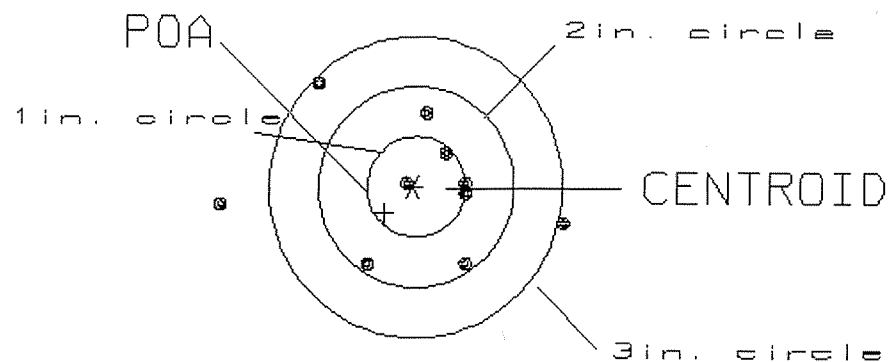
PATTERN #: ☐ 3 ☐

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
VS= 1.77
GS= 3.51

2
7
8

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .209

MIN RADIUS : .264

MEAN RADIUS : .870

MAX RADIUS : 1.879

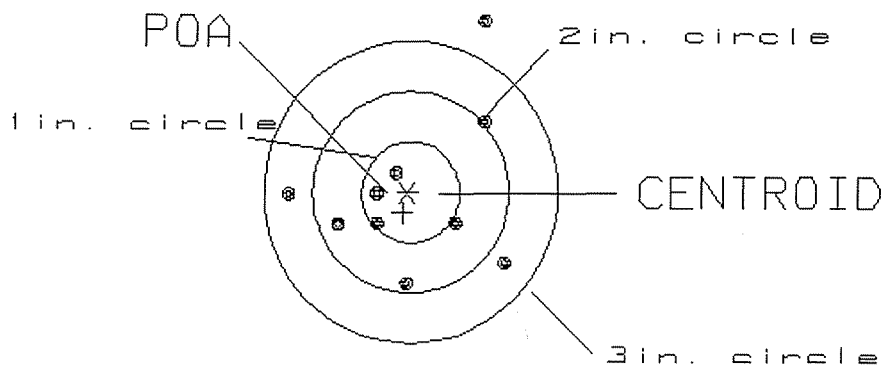
CENTROID X : .047

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

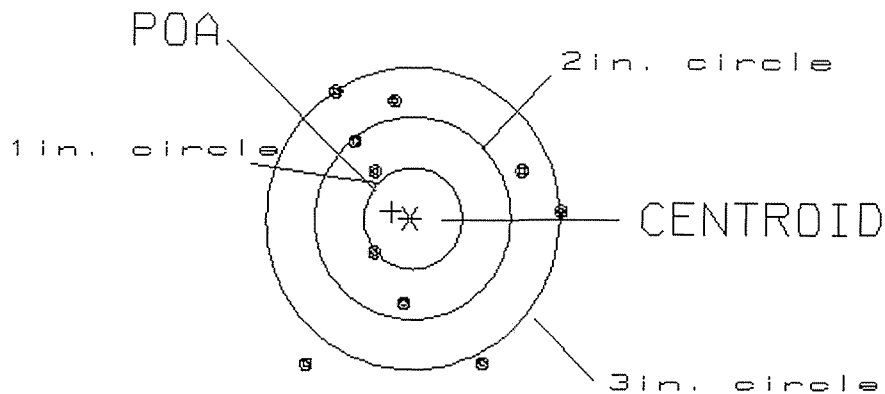
CENTROID X : .191

CENTROID Y : -.066

4 Mar 1997

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

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.63

0

VS= 2.71

4

GS= 3.09

7

INITIAL		CUSTOMER ORDER NO.		SNIPER M-24	
JIM		011786			
DATE RECEIVED	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

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	CUST NO: 135960 C.O.D.L	PROM. DATE	ESTIMATED	VIA
		WRITE ☐			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	F5	F5
METAL			C2			

MAIN FAULT

W52 H097063 H545

PARTS	COMMENTS																								
Barrel - 96003	Re powder Coat Trigger Group																								
BOLT - 96005	ASSY & Rear Sight Base																								
Mag Spring - 15677	Re zinc Scope Base																								
Front Sight Base - 96118																									
Stock - 96018																									
<table border="1"> <tr> <td>REPAIRMAN</td> <td>PROOF</td> <td>CLEAN</td> <td>TEST</td> <td>TARGET</td> <td>PATTERN</td> </tr> <tr> <td>RW</td> <td>✓</td> <td>✓</td> <td>R</td> <td>R</td> <td></td> </tr> <tr> <td>GALLERY TESTER</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>RW</td> <td>1/20/97</td> <td>2/26/97</td> <td>2/27/97</td> <td>2/27/97</td> <td></td> </tr> </table>		REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN	RW	✓	✓	R	R		GALLERY TESTER	DATE	DATE	DATE	DATE	DATE	RW	1/20/97	2/26/97	2/27/97	2/27/97	
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN																				
RW	✓	✓	R	R																					
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE																				
RW	1/20/97	2/26/97	2/27/97	2/27/97																					

OFFICE COPY

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

RD-6947-Rev 3

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

FILE NO 011786

DATE

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL:

GAUGE:

SERIAL #

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE #

DEPT. #

CHECK FOR AMMUNITION

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:

SIGNATURE:

(Security Officer)

DATE:

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	DATE	INIT.
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1/20/97	RW
605	CHECK HEADSPACE	3/3/97	RW
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	2/27/97	RW
655	FINAL INSPECT	3/3/97	RW
660	PACK		
	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: