

G646 1644
Rephed
C. 6225504

Repair Inquiry

Repair Number: RE00098525

Serial: C6225504 Model: M24 SWS CenterFire
Caliber: 7.62 NATO

Repairman:

Verify Repair:

Status:

Closed 7/6/2005 9:48:04 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: HHC 2 325TH AIR

HHC 2 325TH AIR

Address 2: PO Box:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

naqletj

7/6/2005

9:54 AM

CAPS

NUM

INS

SCPL

start

3

5

2

Arms Services

Serial Number:

C6225504

Model: M24 SWS



RE00098525

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461644.__0
FILE DATE AND TIME: 08/08/2005 10:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.069
The Average Y Centroid of the Five Target Set:	-0.207
The Average Point of Impact of the Five Target Set:	0.218
The Average Mean Radius of the Five Target Set:	1.024
The Distance from POA to Centroid Target #1:	0.540
The Distance from Centroid Target #2 to Centroid Target #1:	0.652
The Distance from Centroid Target #3 to Centroid Target #1:	0.537
The Distance from Centroid Target #4 to Centroid Target #1:	0.510
The Distance from Centroid Target #5 to Centroid Target #1:	0.339

BARBER - M24 0154182

SERIAL NUMBER: G6461644. __ 0

TARGET NUMBER: 1

FILE DATE: 08/08/2005

FILE TIME: 10:48

X CENTROID: -0.176

Y CENTROID: -0.511

POA TO CENTROID: 0.540

HORZ SPREAD: 3.052

VERT SPREAD: 2.344

GROUP SPREAD: 3.058

MIN RADIUS: 0.787

MAX RADIUS: 1.906

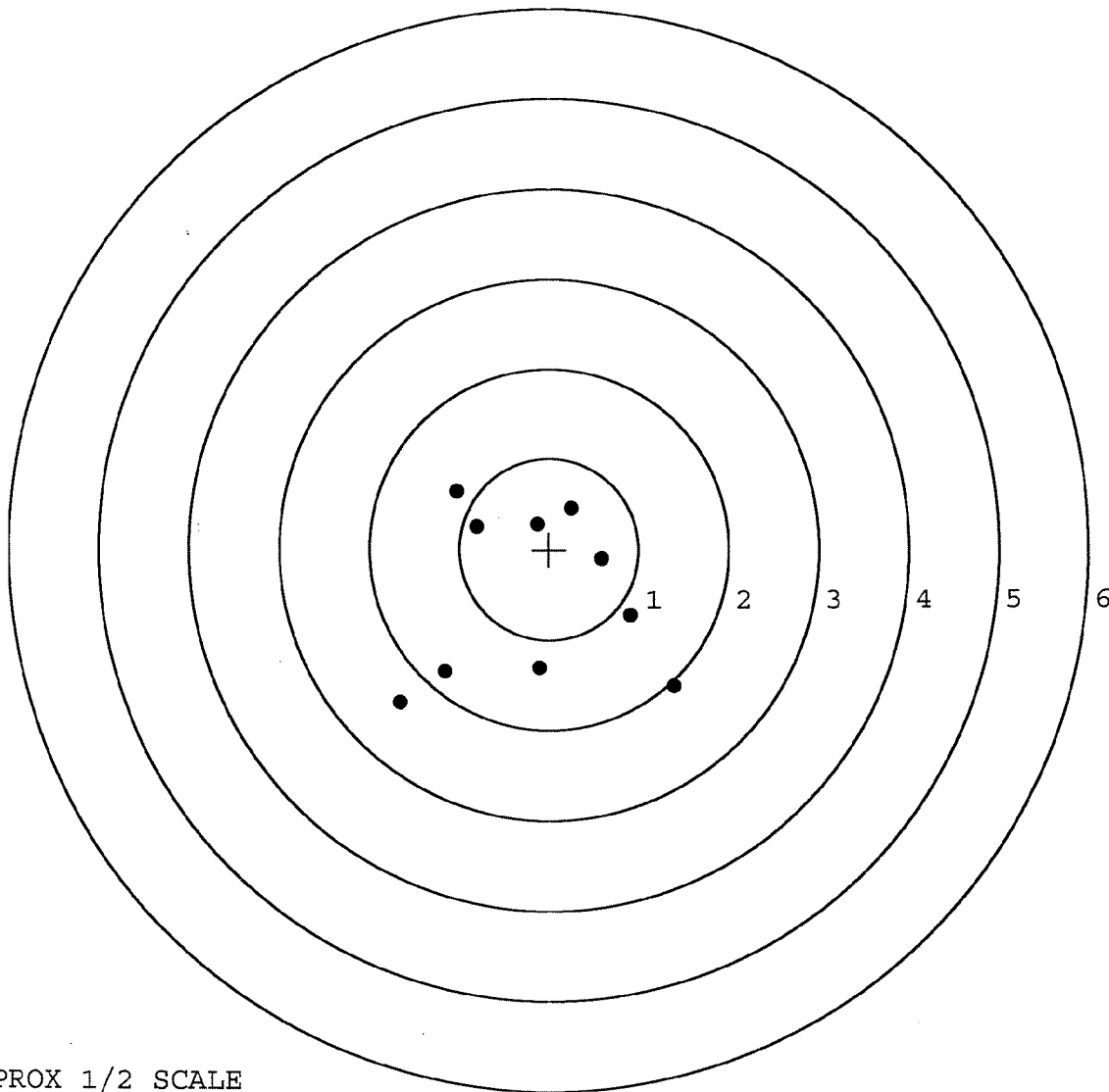
MEAN RADIUS: 1.212

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.391	-1.516
2:	0.909	-0.730
3:	-0.112	-1.320
4:	-1.162	-1.356
5:	-1.661	-1.705
6:	0.591	-0.102
7:	0.252	0.453
8:	-0.128	0.274
9:	-0.808	0.252
10:	-1.030	0.639



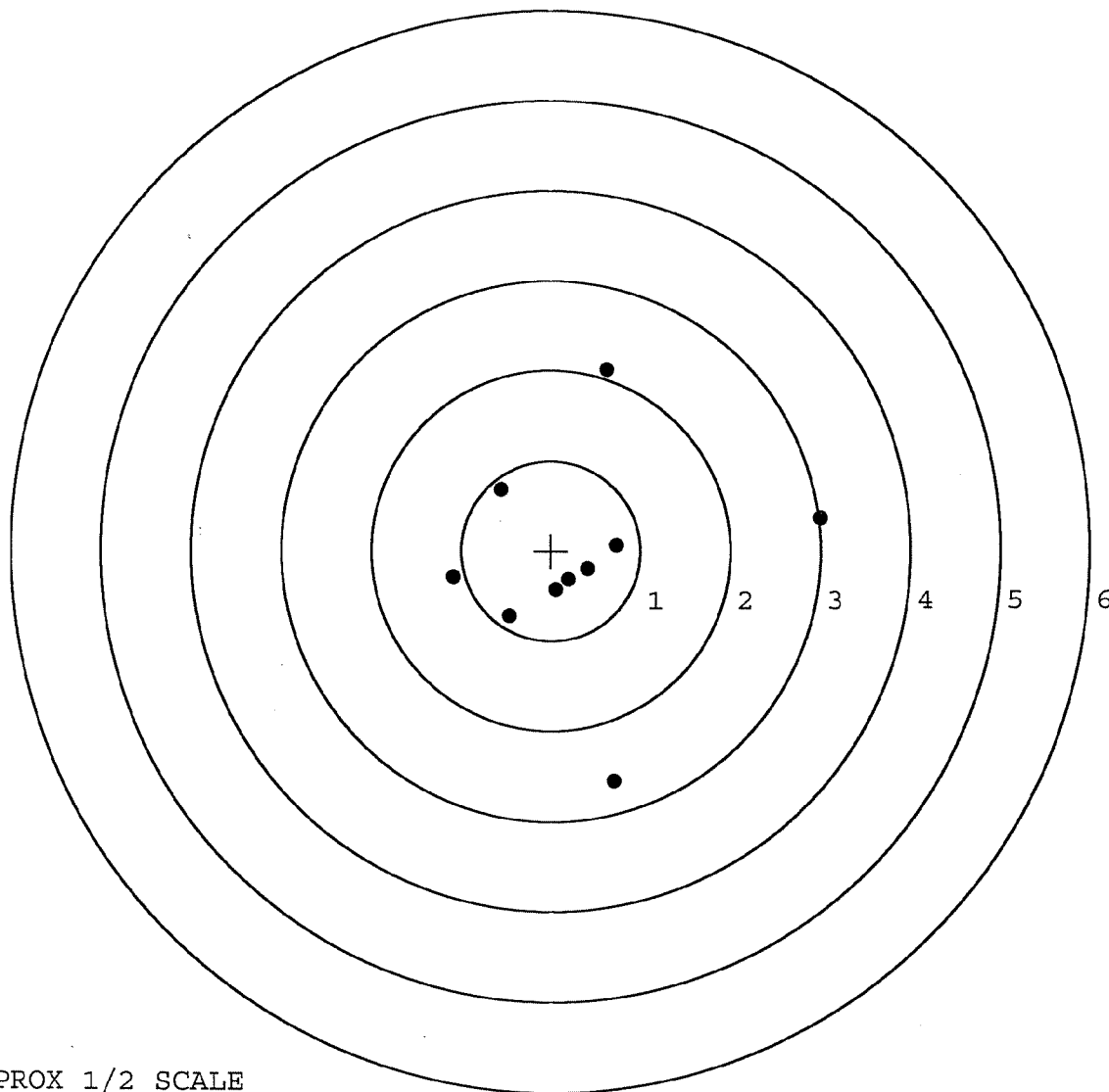
TARGET APPROX 1/2 SCALE

BARBER - M24 0154183

SERIAL NUMBER: G6461644. __0
 TARGET NUMBER: 2
 FILE DATE: 08/08/2005
 FILE TIME: 10:48

POINT#	X	Y
1:	0.411	-0.203
2:	0.194	-0.324
3:	0.055	-0.434
4:	-0.464	-0.727
5:	-1.092	-0.297
6:	0.737	0.064
7:	-0.554	0.682
8:	2.994	0.360
9:	0.630	2.005
10:	0.709	-2.556

X CENTROID: 0.362
 Y CENTROID: -0.143
 POA TO CENTROID: 0.389
 HORZ SPREAD: 4.086
 VERT SPREAD: 4.561
 GROUP SPREAD: 4.138
 MIN RADIUS: 0.077
 MAX RADIUS: 2.680
 MEAN RADIUS: 1.216
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7



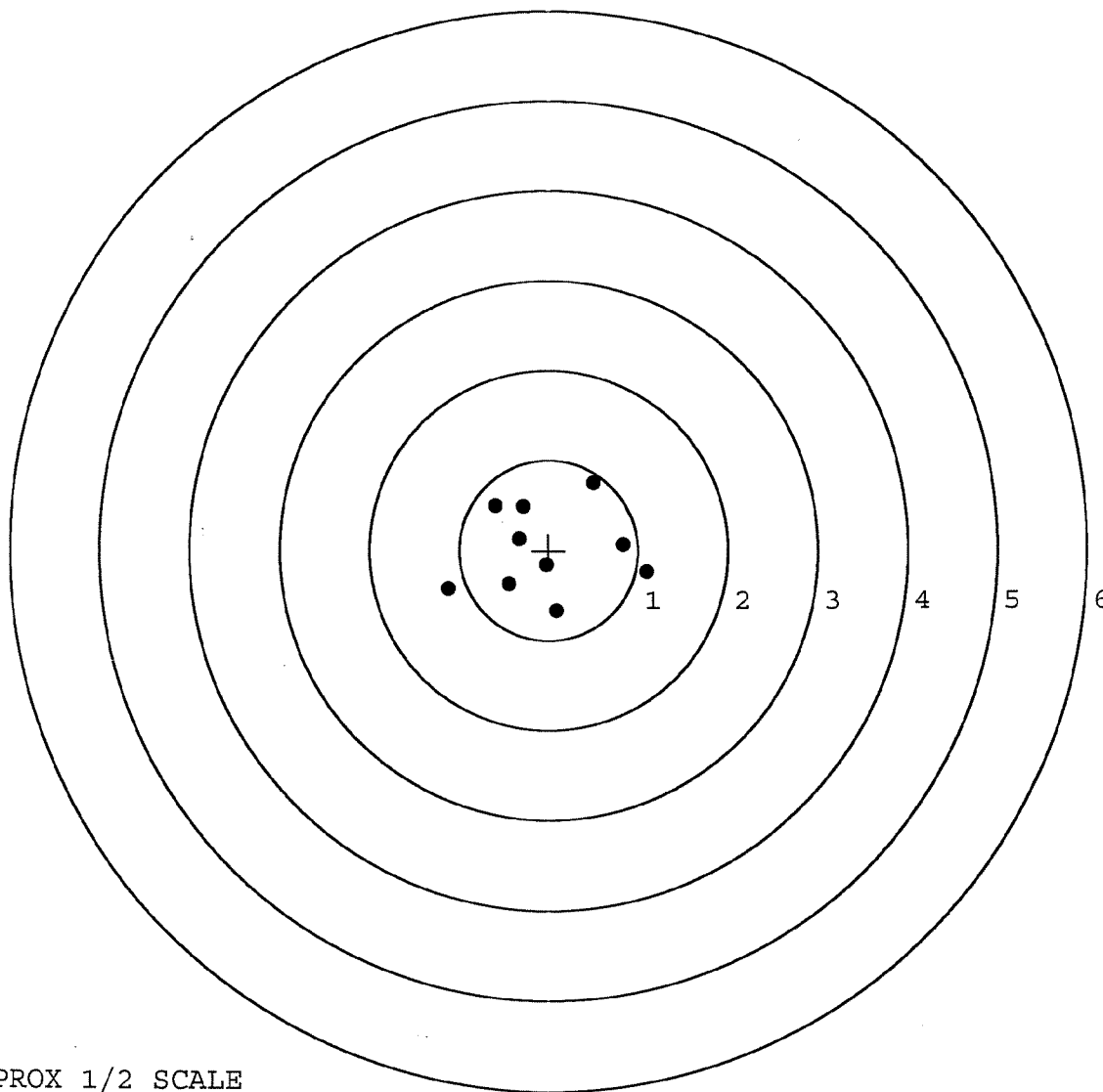
TARGET APPROX 1/2 SCALE

BARBER - M24 0154184

SERIAL NUMBER: G6461644. __0
 TARGET NUMBER: 3
 FILE DATE: 08/08/2005
 FILE TIME: 10:48

POINT#	X	Y
1:	1.095	-0.238
2:	0.835	0.070
3:	0.504	0.749
4:	0.093	-0.677
5:	-0.028	-0.163
6:	-0.444	-0.375
7:	-0.331	0.129
8:	-0.281	0.491
9:	-0.596	0.499
10:	-1.126	-0.430

X CENTROID: -0.028
 Y CENTROID: 0.005
 POA TO CENTROID: 0.028
 HORZ SPREAD: 2.221
 VERT SPREAD: 1.426
 GROUP SPREAD: 2.229
 MIN RADIUS: 0.169
 MAX RADIUS: 1.181
 MEAN RADIUS: 0.716
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0154185

SERIAL NUMBER: G6461644. __0

TARGET NUMBER: 4

FILE DATE: 08/08/2005

FILE TIME: 10:48

POINT#	X	Y
1:	0.771	-1.398
2:	-0.498	-1.279
3:	0.486	0.841
4:	-0.830	1.160
5:	-0.667	0.014
6:	-0.369	0.327
7:	0.037	0.295
8:	0.421	-0.226
9:	0.695	0.022
10:	0.826	-0.497

X CENTROID: 0.087

Y CENTROID: -0.074

POA TO CENTROID: 0.114

HORZ SPREAD: 1.656

VERT SPREAD: 2.558

GROUP SPREAD: 3.018

MIN RADIUS: 0.367

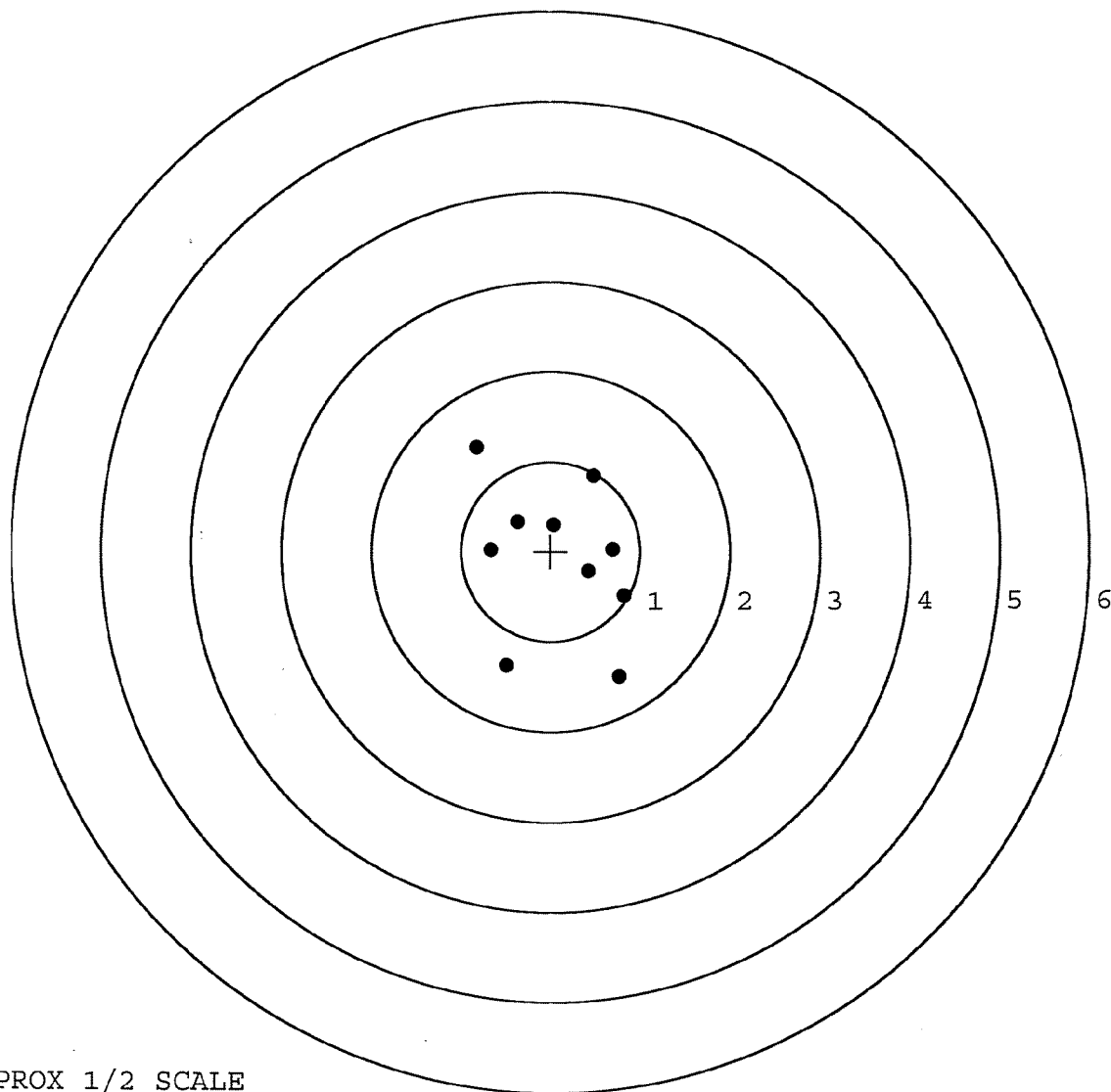
MAX RADIUS: 1.538

MEAN RADIUS: 0.894

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



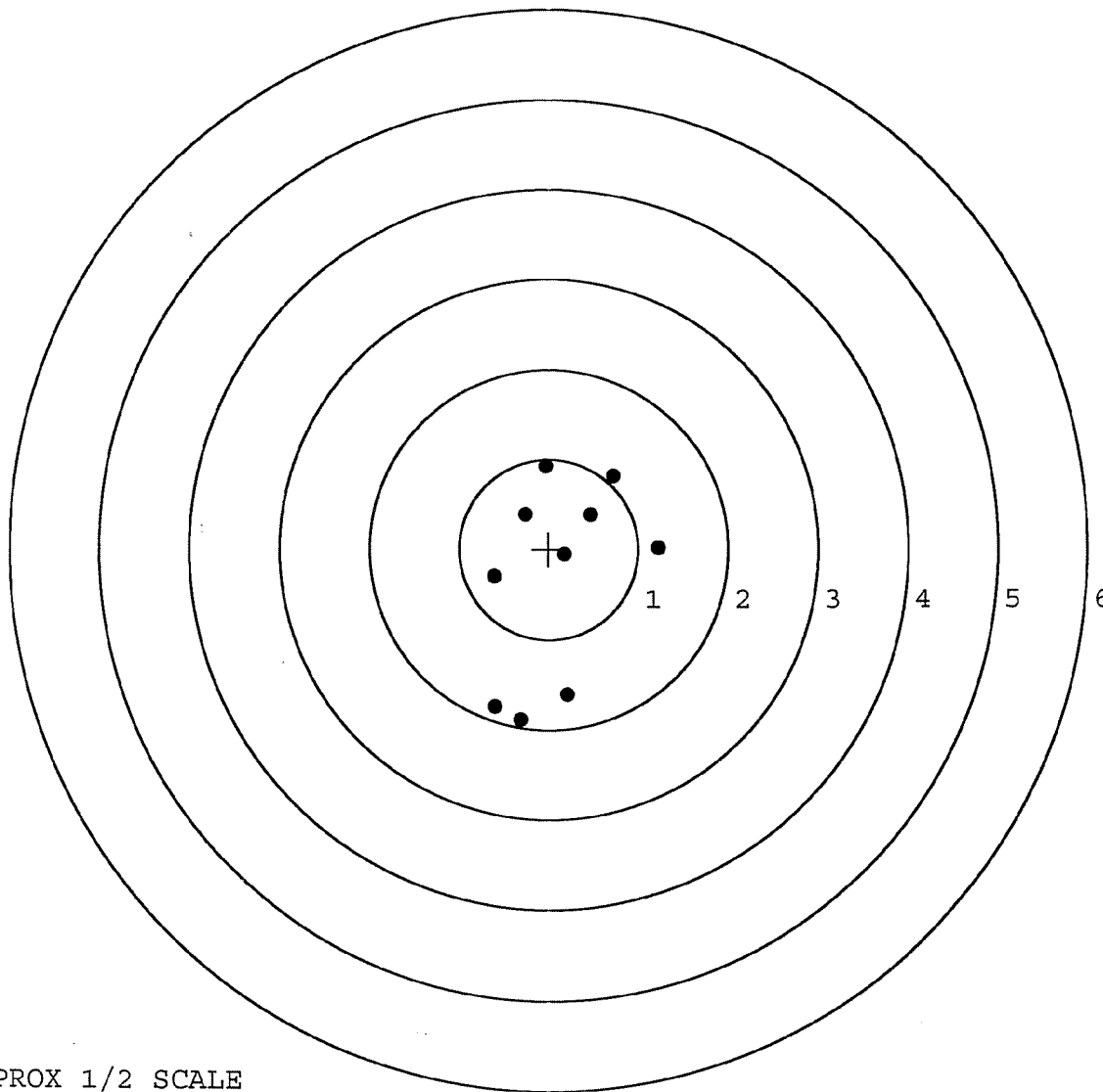
TARGET APPROX 1/2 SCALE

BARBER - M24 0154186

SERIAL NUMBER: G6461644. __0
 TARGET NUMBER: 5
 FILE DATE: 08/08/2005
 FILE TIME: 10:48

POINT#	X	Y
1:	1.224	0.016
2:	0.467	0.384
3:	0.178	-0.062
4:	-0.261	0.386
5:	-0.612	-0.308
6:	-0.035	0.922
7:	0.724	0.818
8:	0.208	-1.619
9:	-0.319	-1.896
10:	-0.601	-1.748

X CENTROID: 0.097
 Y CENTROID: -0.311
 POA TO CENTROID: 0.326
 HORZ SPREAD: 1.836
 VERT SPREAD: 2.818
 GROUP SPREAD: 2.908
 MIN RADIUS: 0.261
 MAX RADIUS: 1.639
 MEAN RADIUS: 1.080
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

AVERAGE FULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE

TESTER

7-7-05

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.34		2.68	
PULL #2	2.19	2.26		2.41	
PULL #3	2.40	2.43		2.29	
PULL #4	2.62	2.41		2.48	
PULL #5	2.38	2.50		2.53	
TOTAL	12.13	11.94		12.39	
AVERAGE	2.42	2.38		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.12		
PULL #2	3.23	3.07		
PULL #3	3.25	3.14		
PULL #4	3.14	3.12		
PULL #5	3.15	3.03		
TOTAL	15.99	15.48		
AVERAGE	3.19	3.09		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.17	4.03		4.73
PULL #2	4.15	4.08		4.50
PULL #3	4.08	4.11		4.66
PULL #4	4.42	4.15		4.59
PULL #5	3.91	4.56		4.34
TOTAL	20.73	20.93		22.82
AVERAGE	4.14	4.18		4.56

M

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R. & E NUMBER	98525		
SERIAL NUMBER	C6225504 (C6225504 New)		
LOG-IN DATE	7-6-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-7-05	RTZ
560 A	RE-BARREL	7-7-05	RTZ
B	DRILL AND TAP	7-7-05	TRW
575	ASSEMBLE	7-7-05	RTZ
600	PROOF	7-7-05	RTZ
605	CHECK HEADSPACE	7-7-05	RTZ
610	DIS-ASSEMBLE GUN	7-7-05	RTZ
612	MAGNAFLUX	7-7-05	Wm
615	ROLLMARK CALIBER	7-8-05	CW
618	ROTO-BLAST	7-8-05	LB
620	APPLY COATINGS	7-8-05	W
625 A	FINAL ASSEMBLY	8-1-05	RTZ
B	TRIGGER PULL TEST	8-8-05	AC
C	SAFETY "ON" FORCE	8-8-05	AC
D	SAFETY "OFF" FORCE	8-8-05	AC
E	FIRING PIN INDENT	8-8-05	AC
640	TARGET	8-8-05	TRW
655	FINAL INSPECT	8-8-05	AC
660	PACK	8-9-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

MODEL 700™ H24

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

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

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

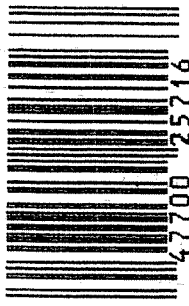
SERIAL NO.
C6225504

ORDER NO.
5716



5716 C6225504

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225504

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12 22 88	R/C.
	Magnaflux Bolt		1-3-89	R/C.
615	Rollmark Caliber		12/22/88	MSC
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		W/T
620	Apply Coatings (Barrel Action)		1-16-89	15A
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/89	RW
	C) Inspect Ejector Hole for Chamfer		1/24/89	RW
	D) Oil Firing Pin Ass'y		1/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		24 Jan 89	FS

op. #	BARBER - M24 0154191 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			30 Jan 89	JS
	G) Safety Off Force	3	3	3			30 Jan 89	JS
	H) Trigger Pull Test & Retainability						24 Jan 89	JS
	I) Firing Pin Indent	.021	.021	.021			30 Jan 89	JS
	J) Assemble Stock						2/6/89	RW
	K) Assemble Swivel Studs						9 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/6/89	RW
	M) Iron Sight Alignment						2/6/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/6/89	RW
	O) Attach Scope to Rifle						2/6/89	RW
	P) Detach & Attach Scope 20 Times						7 Feb 89	JS
640	Gallery Target & Test	64 R	88L				2/8/89	DH
	A) Time						2/8/89	DH
	B) Malfunctions						2/8/89	DH
	C) Pierced Primers						2/8/89	DH
	D) Optical Clarity of Scope						2/8/89	DH
645	Inspect for Live Ammo						2/8/89	DH
655	Final Inspection							
	A) Headspace						9 Feb 89	JS
	B) Trigger Pull	2.74	2.67	2.65	2.76	2.73	9 Feb 89	JS
	C) Function						9 Feb 89	JS
660	Pack						23 Mar 89	JS

5504

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6622518DATE 31 MAR 89TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.21	2.42	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.18	2.24	2.38	
PULL #3	2.49	2.19	2.43	2.62	
PULL #4	2.37	2.13	2.43	2.53	
PULL #5	2.36	2.23	2.40	2.53	
TOTAL	11.89	10.94	11.92	12.66	
AVG.	2.374	2.188	2.384	2.532	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.16		
PULL #2	3.27	3.27		
PULL #3	3.26	3.33		
PULL #4	3.28	3.31		
PULL #5	3.21	3.28		
TOTAL	16.20	16.35		
AVG.	3.24	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.18		4.34
PULL #2	4.27	4.30		4.23
PULL #3	4.35	4.21		4.26
PULL #4	4.31	4.23		4.24
PULL #5	4.31	4.30		4.18
TOTAL	21.64	21.22		21.25
AVG.	4.328	4.244		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225504
10 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.190224
1 TO	2	.148142
1 TO	3	.194982
1 TO	4	.194941
1 TO	5	.347937

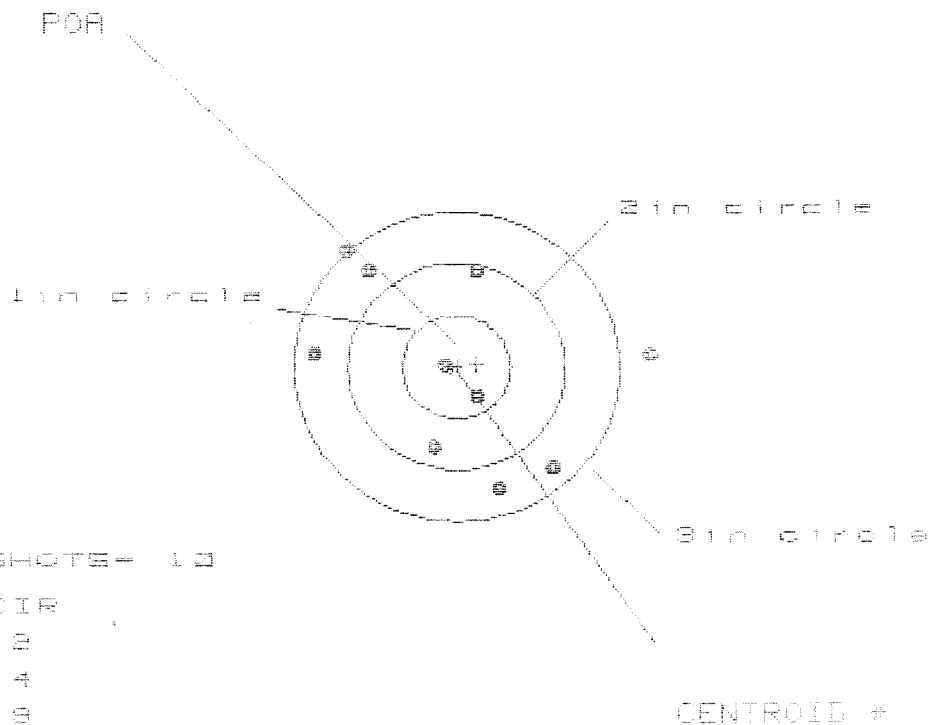
5 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0366
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0824
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0901627
THE AMR FOR THIS RIFLE IS: .9978

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06285504

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.142

VS= 2.284

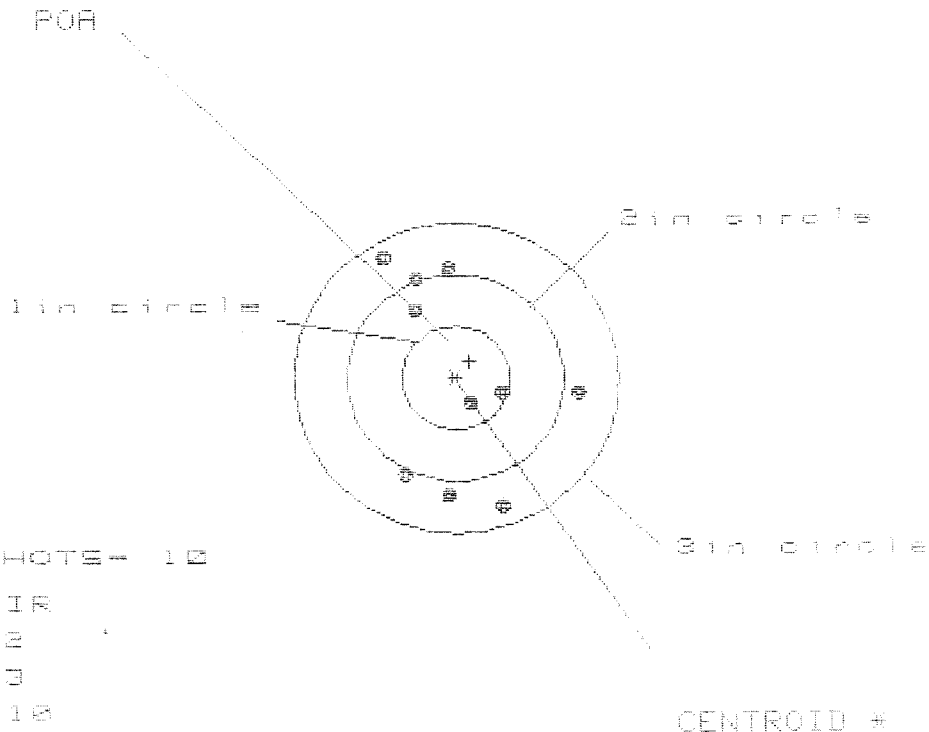
GS= 3.142

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.826	1.041	1.939
MINIMUM X	-1.322	-1.120	-1.222
MAXIMUM Y	1.085	1.103	1.111
MINIMUM Y	-1.199	-1.181	-1.044
CENTROID X	-1.186	-1.390	-1.288
CENTROID Y	-1.029	-1.047	-1.184
POA TO CENTROID in.	.190	.393	.342
MIN RADIUS	.131	.087	.186
MEAN RADIUS	1.073	.978	.912
MAX RADIUS	1.827	1.400	1.312
HORIZONTAL SPREAD	3.142	2.161	2.161
VERTICAL SPREAD	2.284	2.284	2.154
EXTREME SPREAD	3.142	2.759	2.515
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225504

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 10

HS = 1.774

VS = 2.396

GS = 2.612

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.117	1.044	1.083
MINIMUM X	-0.657	-0.503	-0.464
MAXIMUM Y	1.180	1.215	1.080
MINIMUM Y	-1.216	-1.085	-1.131
CENTROID X	-0.127	-0.054	-0.093
CENTROID Y	-0.164	-0.295	-0.160
POA TO CENTROID in.	.208	.300	.185
MIN RADIUS	.286	.136	.277
MEAN RADIUS	.952	.880	.859
MAX RADIUS	1.351	1.230	1.134
HORIZONTAL SPREAD	1.774	1.547	1.547
VERTICAL SPREAD	2.396	2.300	2.211
EXTREME SPREAD	2.612	2.354	2.212
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		10	

10 Feb 1969

FILE: /PATTERNING/CENTERFIRE_PATT/09225504

CENTERFIRE PATTERNS # 3

POB

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HE = 1.755

VE = 3.185

GE = 3.255

CENTROID +

PATTERN #

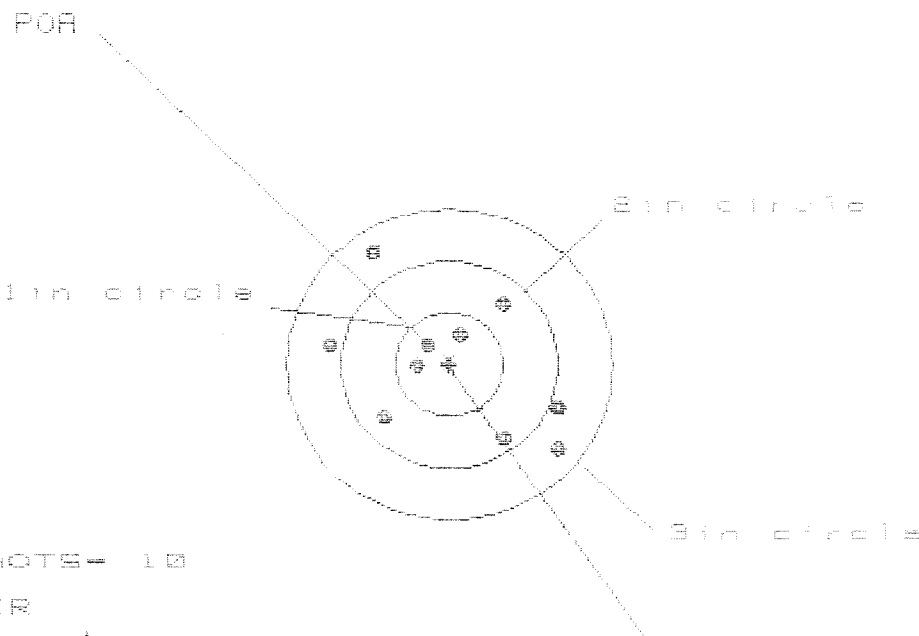
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.935	.997	.950
MINIMUM X	-.820	-.758	-.765
MAXIMUM Y	1.583	1.405	1.193
MINIMUM Y	-1.602	-1.438	-1.262
CENTROID X	-.025	-.087	-.080
CENTROID Y	-.136	.042	-.134
POB TO CENTROID in.	.139	.097	.156
MIN RADIUS	.367	.264	.318
MEAN RADIUS	1.126	1.027	.993
MAX RADIUS	1.695	1.737	1.592
HORIZONTAL SPREAD	1.755	1.755	1.755
VERTICAL SPREAD	3.185	2.843	2.455
EXTREME SPREAD	3.255	3.016	2.772
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225504

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.160

VS= 1.951

GS= 2.585

PATTERN #

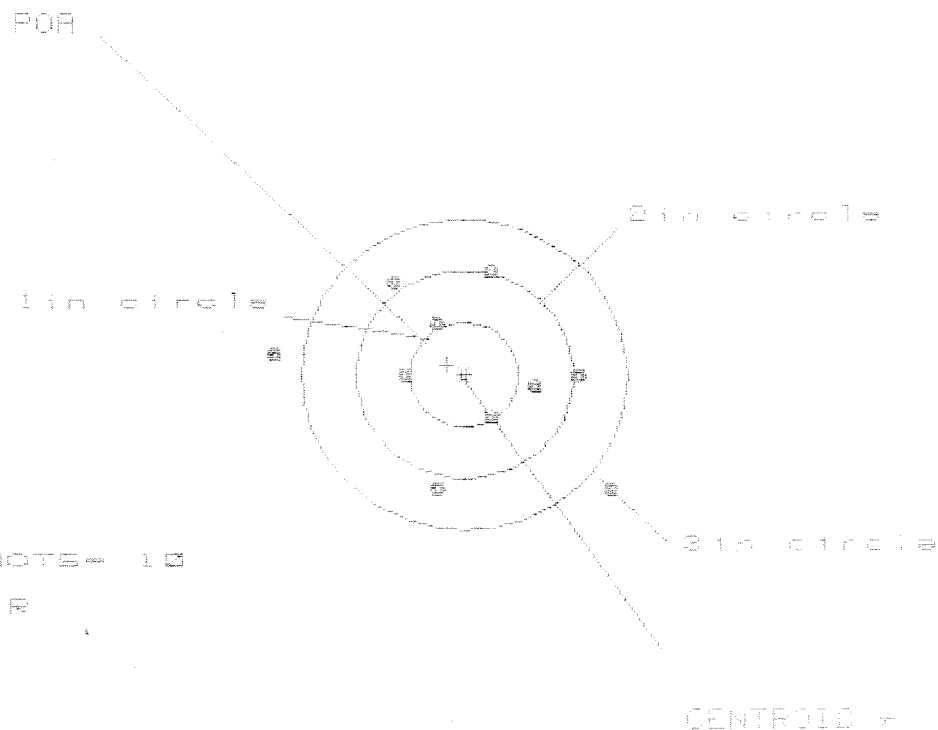
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.014	.931	1.040
MINIMUM X	-1.146	-1.229	-1.128
MAXIMUM Y	1.112	.753	.664
MINIMUM Y	-.839	-.715	-.708
CENTROID X	.003	.036	-.023
CENTROID Y	.010	-.114	-.025
POB TO CENTROID in.	.010	.143	.034
MIN RADIUS	.260	.404	.264
MEAN RADIUS	.833	.790	.717
MAX RADIUS	1.337	1.280	1.152
HORIZONTAL SPREAD	2.160	2.160	2.160
VERTICAL SPREAD	1.951	1.468	1.372
EXTREME SPREAD	2.585	2.359	2.257
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225504

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.104

VS= 2.170

GS= 3.341

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.353	1.159	.364
MINIMUM X	-1.751	-.865	-.738
MAXIMUM Y	1.016	1.034	.902
MINIMUM Y	-1.154	-1.136	-1.268
CENTROID X	.154	.349	.204
CENTROID Y	-.093	-.111	.021
POA TO CENTROID in.	.181	.366	.205
MIN RADIUS	.423	.347	.507
MEAN RADIUS	1.005	.906	.814
MAX RADIUS	1.758	1.569	1.296
HORIZONTAL SPREAD	3.104	2.024	1.694
VERTICAL SPREAD	2.170	2.170	2.170
EXTREME SPREAD	3.341	2.854	2.314
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-13424

INITIAL
FPS

CUSTOMER ORDER NO.

M-24 W/ULTRA 10X-M3A SCOPE #1303
ATTN. FRED MARTIN

DATE RECEIVED
04/19/94

DATE OPENED
04/19/94

DATE CODE
BJ 1-89

SERIAL NUMBER
C6225504

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE MNTS

SCOPE BASE

FROM:

DEPT. OF THE ARMY
CDR 82ND ABN DIV
HHC 2/325 AIR
FORT BRAGG

NC 28307

SHIP TO:

DEPT. OF THE ARMY
CDR 82ND ABN DIV
HHC 2/325 AIR
FORT BRAGG

NC

28307

CUST NO: 094133 CLO.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	F4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Rounds tumbling, Stock Cracked, Barrel is not
Centered on Stock

PARTS

COMMENTS

Barrel - 96003
Stock Assy - 96018

ReZinc - Scope Base, Scope
Rings & Swivel Studs.
Re powder Coat - Floor plate,
latch, Trigger Guard, Front &
Rear Sight Bases.

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 M2409954238

DEPARTMENT OF THE ARMY

CDR,

HHC 2/325 AIR

FT. BRAGG, NC 29307-5100

OFFICIAL BUSINESS

REMINGTON ARMS CO INC
ATTN: FABRICATED PRODUCTS DEPT
14 HOEFLEER AVE
LION, NY 13357-1816

BOA NO. 2AAA09.92*0.0P34

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

CONTRACT # DAAA21-87-C-0086

New Barrel /
New Stock

GUN SERIAL # C6225504

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/21/94	RW
600	Proof		4/21/94	RW
607	Check Headspace		4/24/94	RW
610	Dis-assemble Gun		4/21/94	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		5/2/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/94	RW
	C) Inspect Ejector Hole for Chamfer		5/2/94	RW
	D) Oil Firing Pin Ass'y		5/2/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0154204 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						5/2/94	Rw
	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						5/3/94	Rw
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						5/3/94	Rw
655	Final Inspection A) Headspace						5/3/94	Rw
	B) Trigger Pull	2.62	2.56	2.61	2.44	2.46	5/3/94	Rw
	C) Function						5/3/94	Rw
660	Pack							

Final Inspection

In: C6225504

DATE REC'D: 4/19/94

DATE RET'D: 5/4/94

EDITOR: 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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225504
18 May 1994

CENTROIDAL DISTANCES

0 TO	1	.450682
1 TO	2	.340966
1 TO	3	.192806
1 TO	4	.373387
1 TO	5	.750131

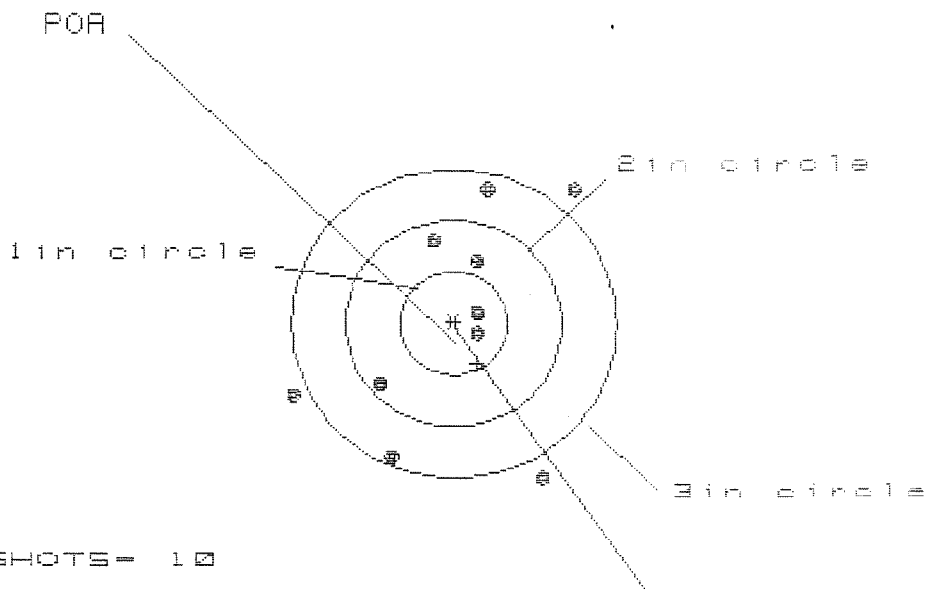
2.5
2.5
5 (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1908
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0922
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .211909
THE AMR FOR THIS RIFLE IS: .9608

18 May 1994

FILE:/PATTERNING/CENTERFIRE_PATT/062255B4

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.618

VS= 2.837

GS= 3.272

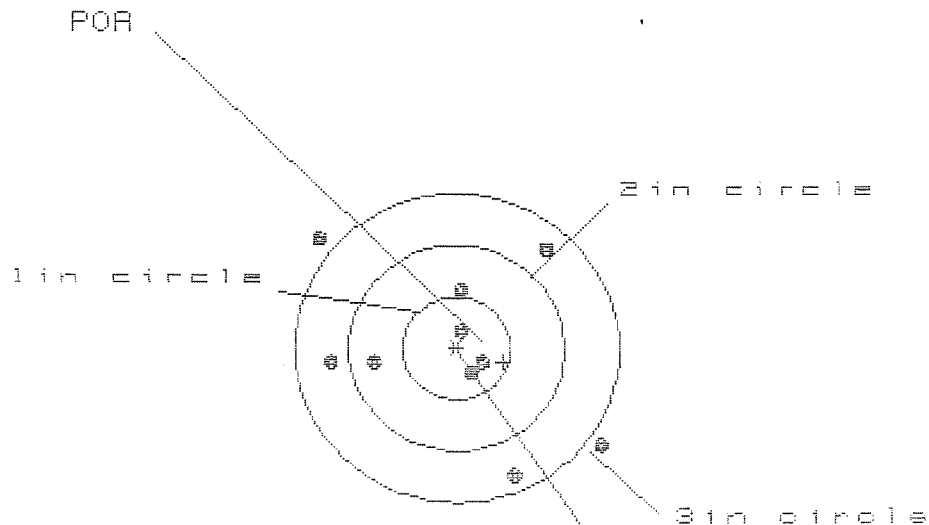
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.104	1.199	.536
MINIMUM X	-1.514	-1.419	-1.270
MAXIMUM Y	1.337	1.171	1.311
MINIMUM Y	-1.500	-1.423	-1.283
CENTROID X	-.217	-.312	-.461
CENTROID Y	.395	.561	.421
POR TO CENTROID in.	.450	.642	.625
MIN RADIUS	.258	.332	.485
MEAN RADIUS	1.066	.986	.925
MAX RADIUS	1.723	1.649	1.450
HORIZONTAL SPREAD	2.618	2.618	1.806
VERTICAL SPREAD	2.837	2.594	2.594
EXTREME SPREAD	3.272	3.272	2.752
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

18 May 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225584

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.633

VS= 2.245

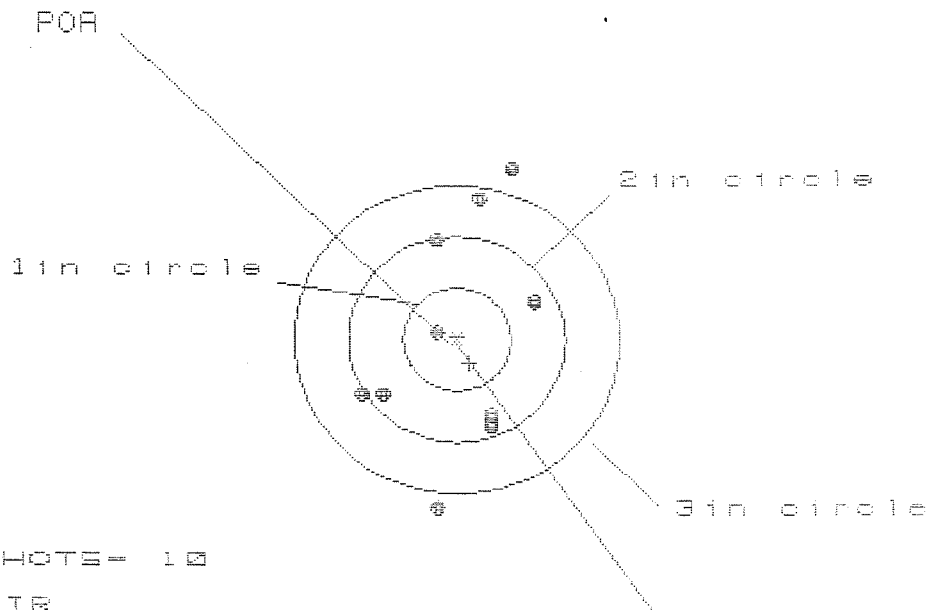
GS= 3.306

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.374	.967	.829
MINIMUM X	-1.259	-1.106	-1.156
MAXIMUM Y	1.036	.928	.945
MINIMUM Y	-1.210	-1.317	-1.201
CENTROID X	-.434	-.587	-.449
CENTROID Y	.132	.239	.123
POA TO CENTROID in.	.454	.634	.465
MIN RADIUS	.183	.194	.194
MEAN RADIUS	.985	.824	.719
MAX RADIUS	1.679	1.508	1.341
HORIZONTAL SPREAD	2.633	2.073	1.985
VERTICAL SPREAD	2.245	2.245	2.146
EXTREME SPREAD	3.306	2.904	2.254
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

18 May 1994

FILE:/PATTERNING/CENTERFIRE_PATT/082255B4

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 1.545

VS= 3.357

GS= 3.425

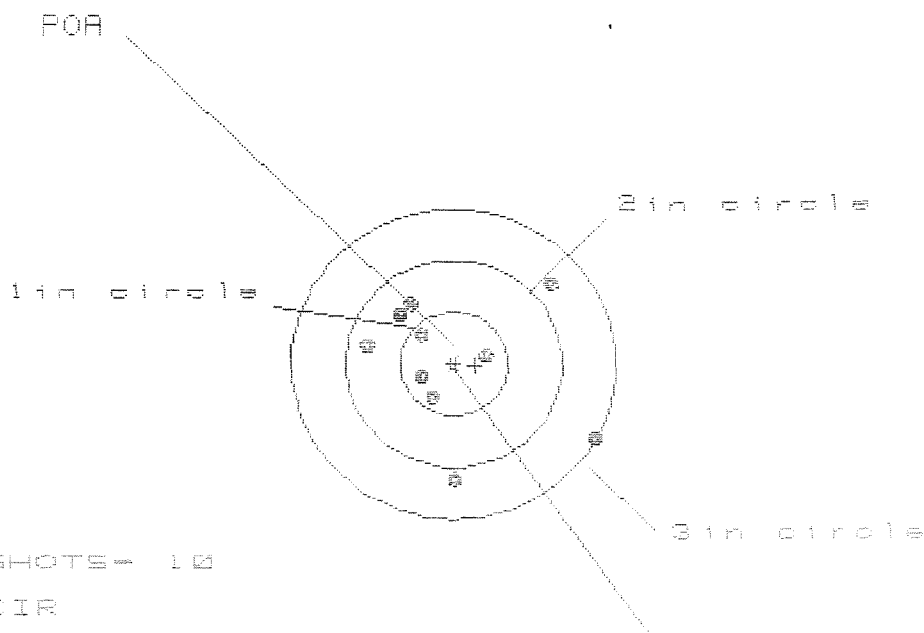
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.689
MINIMUM X	-.856
MAXIMUM Y	1.704
MINIMUM Y	-1.653
CENTROID X	-.116
CENTROID Y	.231
POA TO CENTROID in.	.259
MIN RADIUS	.202
MEAN RADIUS	1.025
MAX RADIUS	1.782
HORIZONTAL SPREAD	1.545
VERTICAL SPREAD	3.357
EXTREME SPREAD	3.425
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

18 May 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225504

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.047

VS= 1.883

GS= 2.218

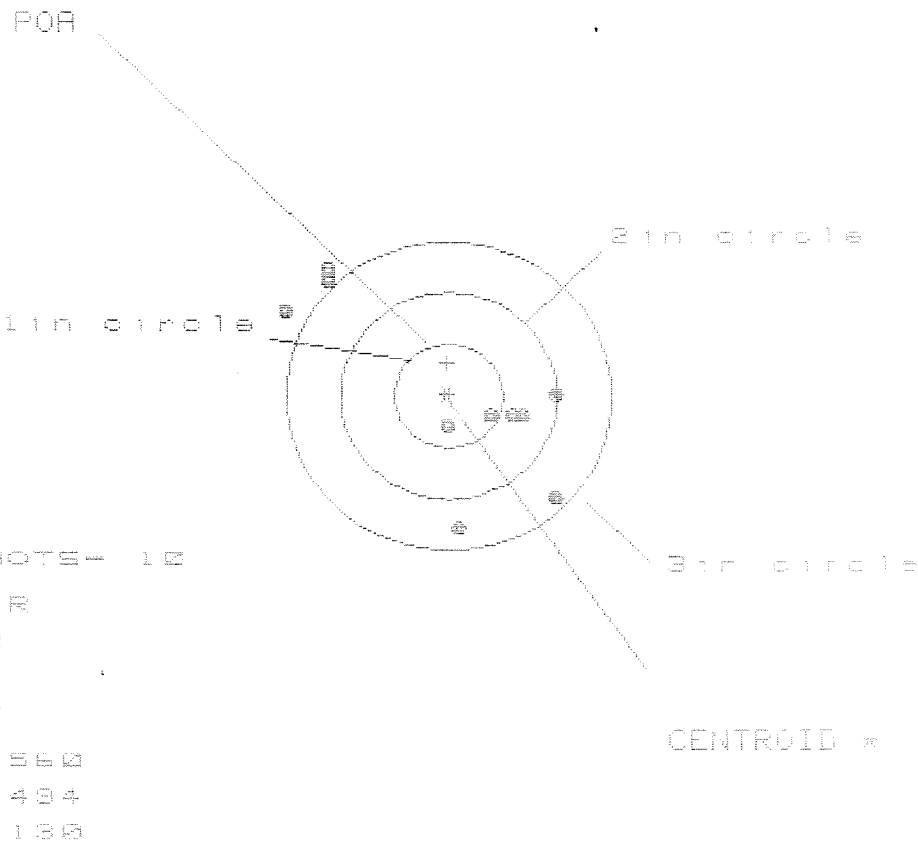
CENTROID X

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.068	.528
MINIMUM X	-.779	-.638	-.505
MAXIMUM Y	.729	.650	.571
MINIMUM Y	-1.154	-1.233	-1.151
CENTROID X	-.200	-.341	-.474
CENTROID Y	.022	.101	.019
POA TO CENTROID in.	.201	.355	.475
MIN RADIUS	.280	.229	.128
MEAN RADIUS	.730	.610	.567
MAX RADIUS	1.454	1.258	1.198
HORIZONTAL SPREAD	2.047	1.706	1.033
VERTICAL SPREAD	1.883	1.883	1.722
EXTREME SPREAD	2.218	2.090	1.775
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

18 May 1984

FILE: \PATTERNING\CENTERFIRE_PATT\08225504

CENTERFIRE PATTERNS # 5



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.004	.831	.671
MINIMUM X	-1.556	1.282	-1.421
MAXIMUM Y	1.207	1.296	1.406
MINIMUM Y	-1.287	-1.198	-1.036
CENTROID X	.013	.186	.346
CENTROID Y	-.319	-.468	-.571
POA TO CENTROID in.	.319	.449	.667
MIN RADIUS	.311	.241	.113
MEAN RADIUS	1.078	.929	.734
MAX RADIUS	1.752	1.823	1.999
HORIZONTAL SPREAD	2.560	2.113	2.092
VERTICAL SPREAD	2.494	2.494	2.442
EXTREME SPREAD	3.130	3.055	3.003
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

BARBER - M24 0154212
RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-19537

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/11/97

11/12/97

C6225504

700 7.62

NATO

ACCESSORIES

HARD CASE

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

DEPT OF THE ARMY
2ND BATTALION 325 AIRBORNE INF
REGIMENT HDQTS & HDGTS CO
FORT BRAGG NC 28307

DEPT OF THE ARMY
2ND BATTALION 325 AIRBORNE INF
REGIMENT HDQTS & HDGTS CO
FORT BRAGG NC
28307

ACCOUNT NUMBER

ACCOUNT NUMBER NIC

CUST NO:176901 C.O.D

PROM. DATE

ESTIMATED

VIA

WRITE ☐

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

UPS

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

B3

B5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6923 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0154212

BARBER - M24 0154213

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225504

2 Dec 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.217333$

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0983333$

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.238544$

THE AMR FOR THIS RIFLE IS: $.9223$

CENTROIDAL DISTANCES

Ø TO 1	.495105
1 TO 2	.497888
1 TO 3	.688142

1
+
2 3
←----POA

At 5000⁺ Rounds

DEPARTMENT OF THE ARMY
Headquarters and Headquarters Company
2nd Battalion, 325th Airborne Infantry Regiment
Fort Bragg, North Carolina 28307-5100

AFVC-BB-H

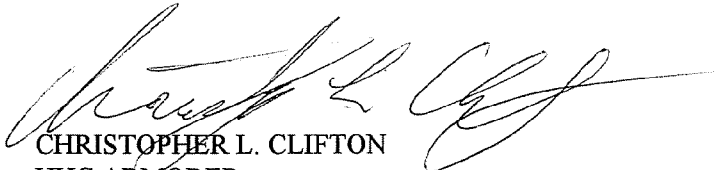
7 NOV 1997

MEMORANDUM FOR RECORD

SUBJECT: CONTENTS OF SHIPPING CASE

CONTENTS :

M-24 SWS SERIAL # C6225504



CHRISTOPHER L. CLIFTON
HHC ARMORER

WITNESSED BY:

Robert B James


BARBER - M24 0154215

[illegible]