

G 6360928
Replaced
C. 6225097

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00088166** Serial: C6225097 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/19/2004 9:44:00 AM

Address Information

Customer: Received From: Return To: Received From:

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **COOK DR and KNOX ST** **COOK DR and KNOX ST**

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:

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1
A045	Bi Pod	1

Repair Search Refresh Close

negletj 11/19/2004 10:47 AM CAPS NUM INS SCRL

start 3 7 2 \$

G 6360928

Serial Number: **C6225097**

Model: **M24 SWS**

RE00088166

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

R & E NUMBER	88172		
SERIAL NUMBER	C6225094 B 6360928		
LOG-IN DATE	11-19-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-24-04	AC
560 A	RE-BARREL	12-1-04	RTL
B	DRILL AND TAP	12-3-04	TRW
575	ASSEMBLE	12-2-04	RTL
600	PROOF	12-2-04	RTL
605	CHECK HEADSPACE	12-2-04	RTL
610	DIS-ASSEMBLE GUN	12-3-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-3-04	SB
618	ROTO-BLAST	12-6-04	LB
620	APPLY COATINGS	12/7/04	HP
625 A	FINAL ASSEMBLY	12-9-04	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-10-04	TRW
655	FINAL INSPECT	12-14-04	AC
660	PACK	12-16-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360928.___0
FILE DATE AND TIME: 12/10/2004 19:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.044
The Average Y Centroid of the Five Target Set:	-0.097
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.138
The Distance from Centroid Target #5 to Centroid Target #1:	0.089

BARBER - M24 0083961

SERIAL NUMBER: G6360928. __0

TARGET NUMBER: 1

FILE DATE: 12/10/2004

FILE TIME: 19:30

POINT#	X	Y
1:	0.683	0.080
2:	0.452	-1.085
3:	-0.690	-0.405
4:	0.110	0.482
5:	0.100	0.312
6:	-0.380	0.006
7:	-0.182	-0.250
8:	-0.073	0.037
9:	0.119	-0.172
10:	0.133	-0.414

X CENTROID: 0.027

Y CENTROID: -0.141

POA TO CENTROID: 0.144

HORZ SPREAD: 1.373

VERT SPREAD: 1.567

GROUP SPREAD: 1.604

MIN RADIUS: 0.097

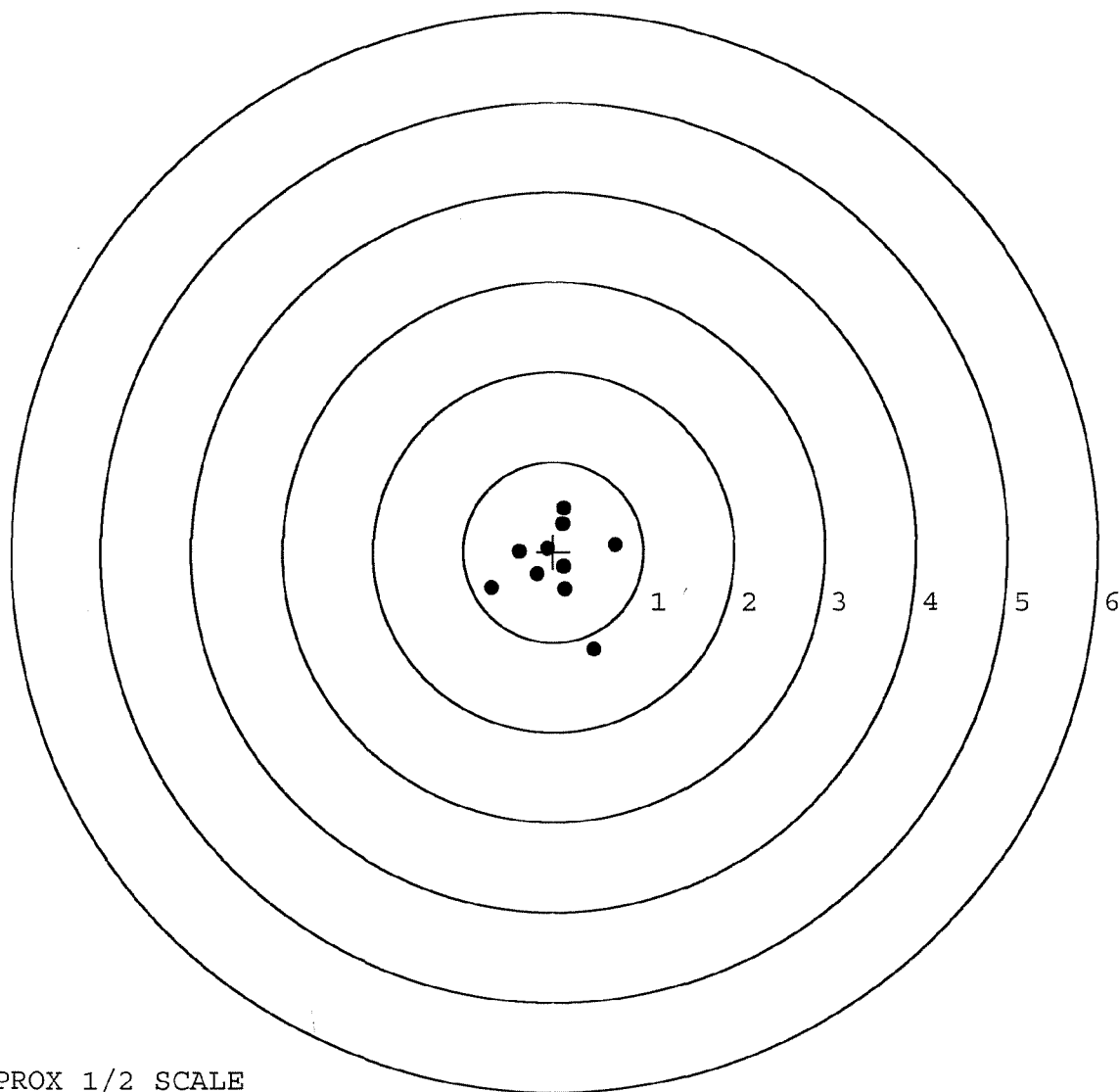
MAX RADIUS: 1.035

MEAN RADIUS: 0.484

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0083962

SERIAL NUMBER: G6360928. 0

TARGET NUMBER: 2

FILE DATE: 12/10/2004

FILE TIME: 19:30

POINT#	X	Y
1:	0.599	-1.984
2:	0.729	-0.515
3:	0.468	0.214
4:	0.797	0.563
5:	-0.512	0.374
6:	-0.621	-0.331
7:	-0.370	-0.680
8:	-0.003	-0.358
9:	-0.311	-0.180
10:	-0.022	0.096

X CENTROID: 0.075

Y CENTROID: -0.280

POA TO CENTROID: 0.290

HORZ SPREAD: 1.418

VERT SPREAD: 2.547

GROUP SPREAD: 2.607

MIN RADIUS: 0.111

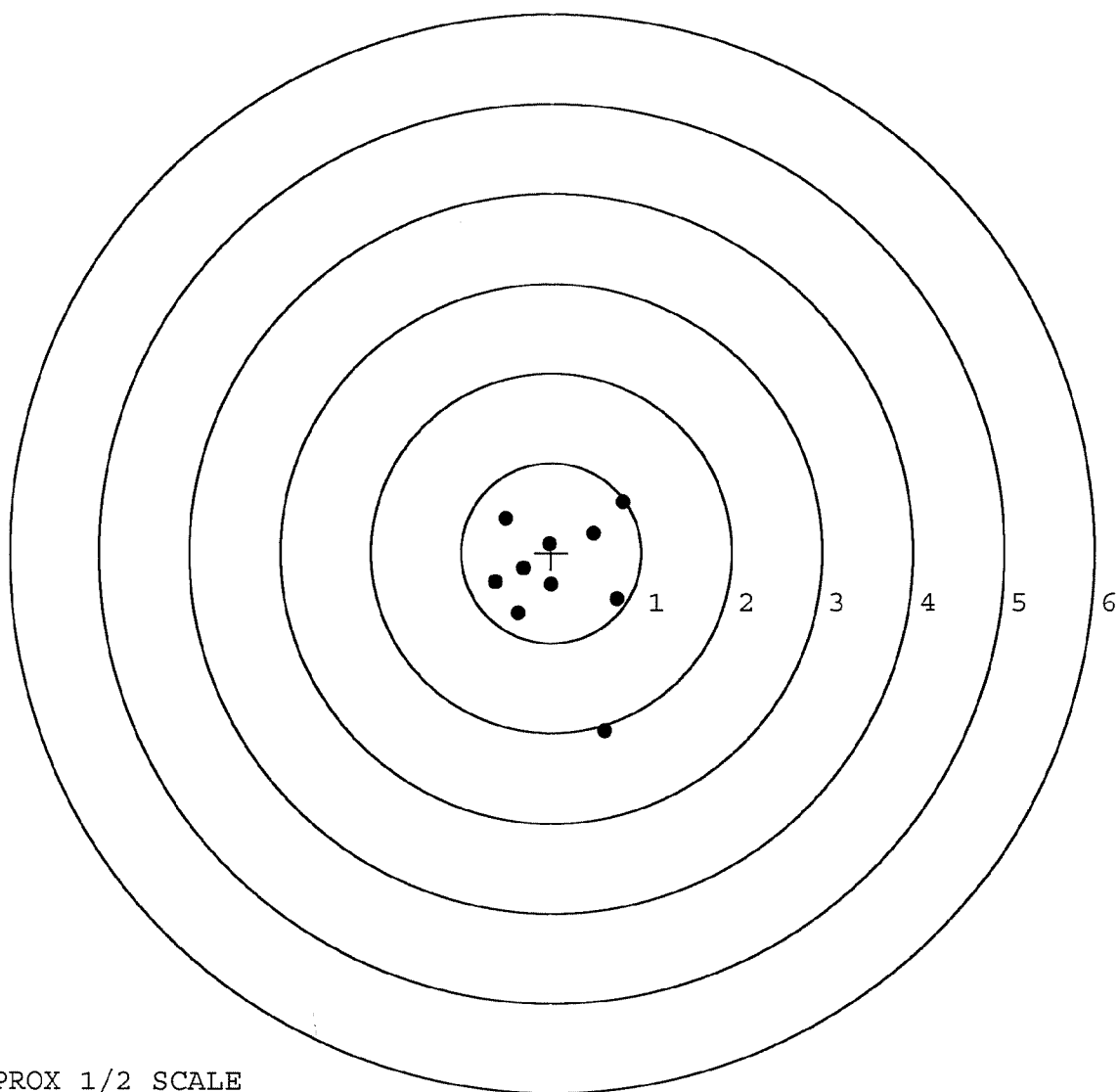
MAX RADIUS: 1.783

MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0083963

SERIAL NUMBER: G6360928. 0

TARGET NUMBER: 3

FILE DATE: 12/10/2004

FILE TIME: 19:30

POINT#	X	Y
1:	-0.787	0.514
2:	-0.647	0.550
3:	0.045	0.432
4:	0.117	0.422
5:	0.490	0.224
6:	0.504	-0.233
7:	0.205	-0.172
8:	-0.030	-0.291
9:	0.115	-0.710
10:	-0.468	-0.565

X CENTROID: -0.046

Y CENTROID: 0.017

POA TO CENTROID: 0.049

HORZ SPREAD: 1.291

VERT SPREAD: 1.260

GROUP SPREAD: 1.520

MIN RADIUS: 0.308

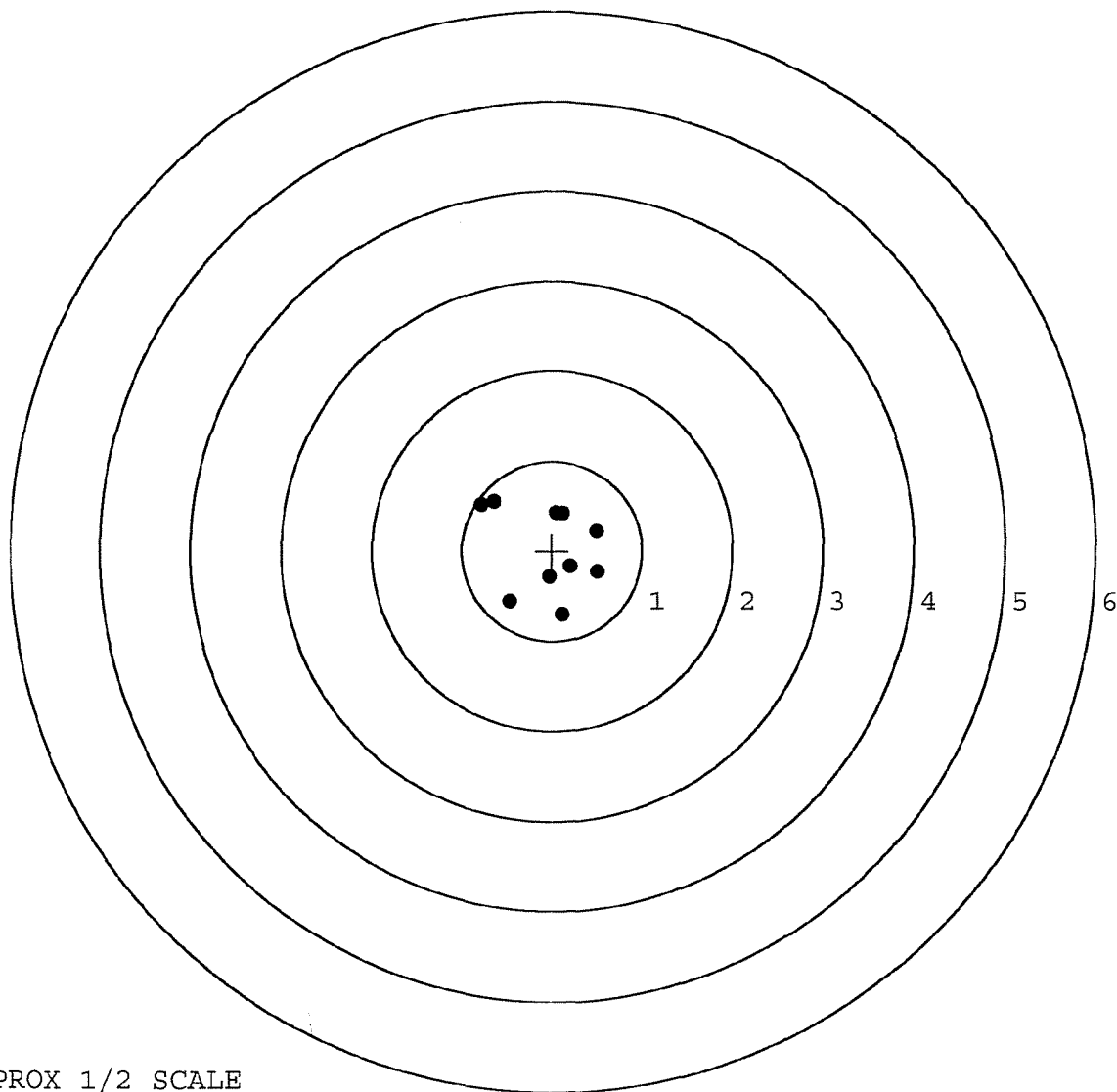
MAX RADIUS: 0.893

MEAN RADIUS: 0.582

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0083964

SERIAL NUMBER: G6360928. 0

TARGET NUMBER: 4

FILE DATE: 12/10/2004

FILE TIME: 19:30

POINT#	X	Y
1:	1.586	-0.674
2:	0.239	-0.672
3:	0.483	-0.018
4:	0.682	0.425
5:	0.191	0.593
6:	-0.253	0.899
7:	-0.750	-0.740
8:	-0.300	-0.191
9:	-0.491	0.165
10:	-0.421	-0.002

X CENTROID: 0.097

Y CENTROID: -0.022

POA TO CENTROID: 0.099

HORZ SPREAD: 2.336

VERT SPREAD: 1.639

GROUP SPREAD: 2.420

MIN RADIUS: 0.386

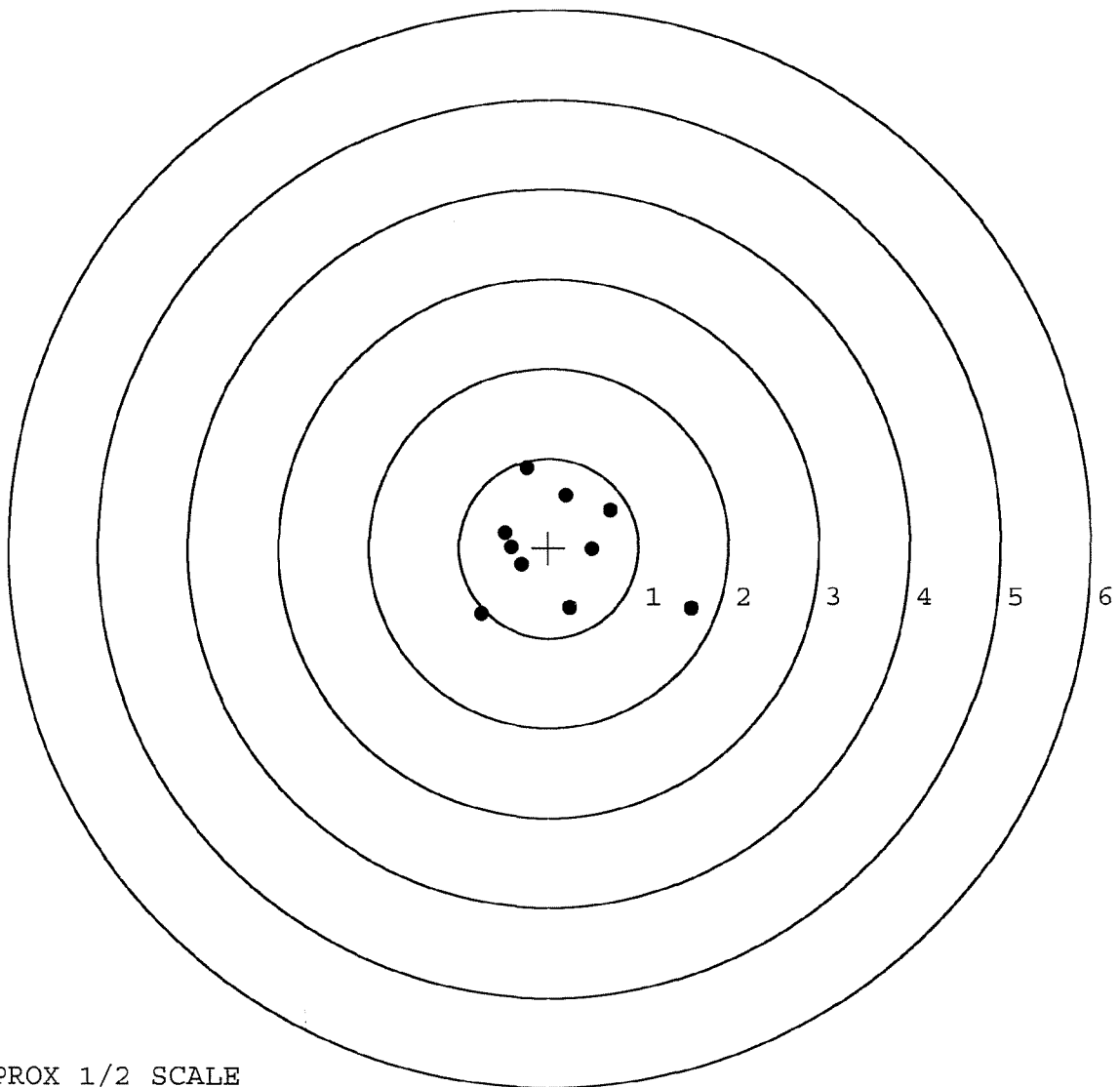
MAX RADIUS: 1.626

MEAN RADIUS: 0.770

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0083965

SERIAL NUMBER: G6360928. 0

TARGET NUMBER: 5

FILE DATE: 12/10/2004

FILE TIME: 19:30

POINT#	X	Y
1:	0.430	-1.269
2:	0.451	-0.554
3:	0.058	-0.379
4:	-0.298	-0.547
5:	-0.819	-0.300
6:	0.441	0.334
7:	0.188	0.269
8:	-0.103	0.571
9:	0.359	1.154
10:	-0.064	0.120

X CENTROID: 0.064

Y CENTROID: -0.060

POA TO CENTROID: 0.088

HORZ SPREAD: 1.270

VERT SPREAD: 2.423

GROUP SPREAD: 2.424

MIN RADIUS: 0.221

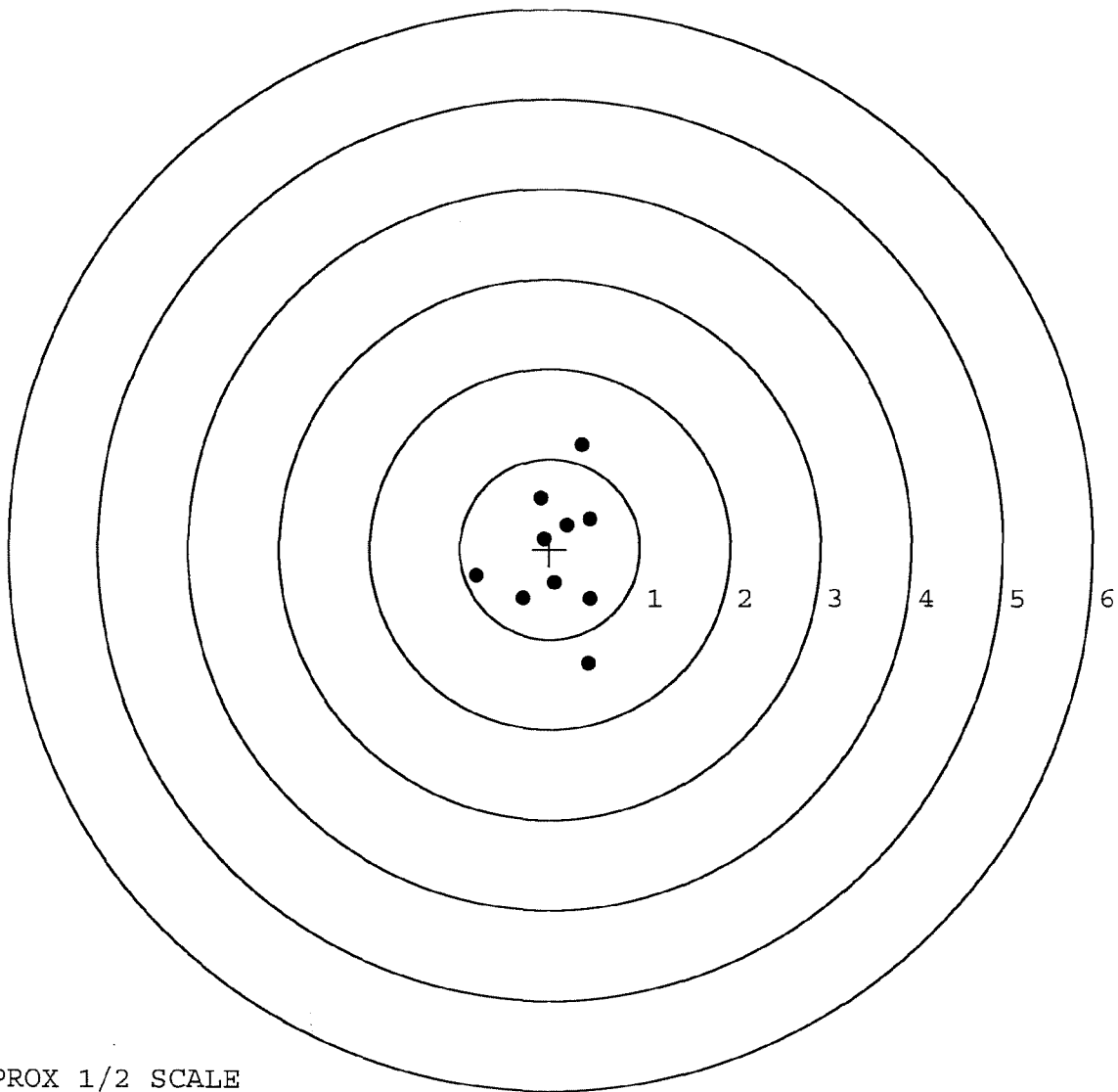
MAX RADIUS: 1.263

MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00039360** Serial: **C6225097** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:
 Verify Repair Status: **Closed 1/14/02 10:22:13 AM**

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **HHC ARMS ROOM 31504 PIR** **HHC ARMS ROOM 31504 PIR**
 Address 1: **FT BRAGG 1112 SIGNAL ATTN SPC GOVIER** **FT BRAGG 1112 SIGNAL ATTN SPC GOVIER**
 Address 2: **BLDG 4 2175 REILLY RD** **BLDG 4 2175 REILLY RD** 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: **910 432 8229**
 Fax:
 Email:
 Comments:

Received Condition

Condition: **Poor**
 Condition Notes:
 CSR Notes:

Accessories Received

Code	Description	Qty
A007	With Stud	1
A009	Soft Case	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

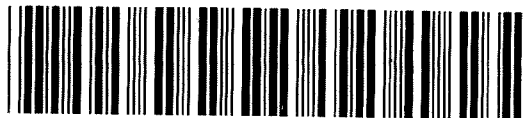
Repair Search **Refresh** **Close**

neglet 1/14/02 10:46 AM CAPS NUM NS SCFL

Start Inb... SA... Cal... My... SA... CP... S... S... 10:46 AM

Serial Number: **C6225097**

Model: **700**



RE00039360

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 39360

SERIAL NUMBER C6225097

LOG-IN DATE 1-14-02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-15-02	BR
560 A	RE-BARREL AT CUSTOM SHOP	1/16/02	BWT
B	DRILL AND TAP	1/16/02	BWT
C	POLISH	1-17-02	AC
575	ASSEMBLE	1-17-02	BR
600	PROOF	1-17-02	AC
605	CHECK HEADSPACE	1-17-02	AC
610	DIS-ASSEMBLE GUN	1-17-02	BR
612	MAGNAFLUX	OPERATOR AL	
615	ROLLMARK CALIBER	1/21/02	B
618	ROTO-BLAST	1/22	KO
620	APPLY COATINGS	1-23	TH
625 A	FINAL ASSEMBLY	1-24-02	RW
B	TRIGGER PULL TEST	N/C	
C	SAFETY "ON" FORCE	N/C	
D	SAFETY "OFF" FORCE	N/C	
E	FIRING PIN INDENT	N/C	
640	TARGET	1-25-02	AC
655	FINAL INSPECT	1-25-02	RW
660	PACK	1-28-02	BR
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225097.___0
FILE DATE AND TIME: 01/24/2002 23:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

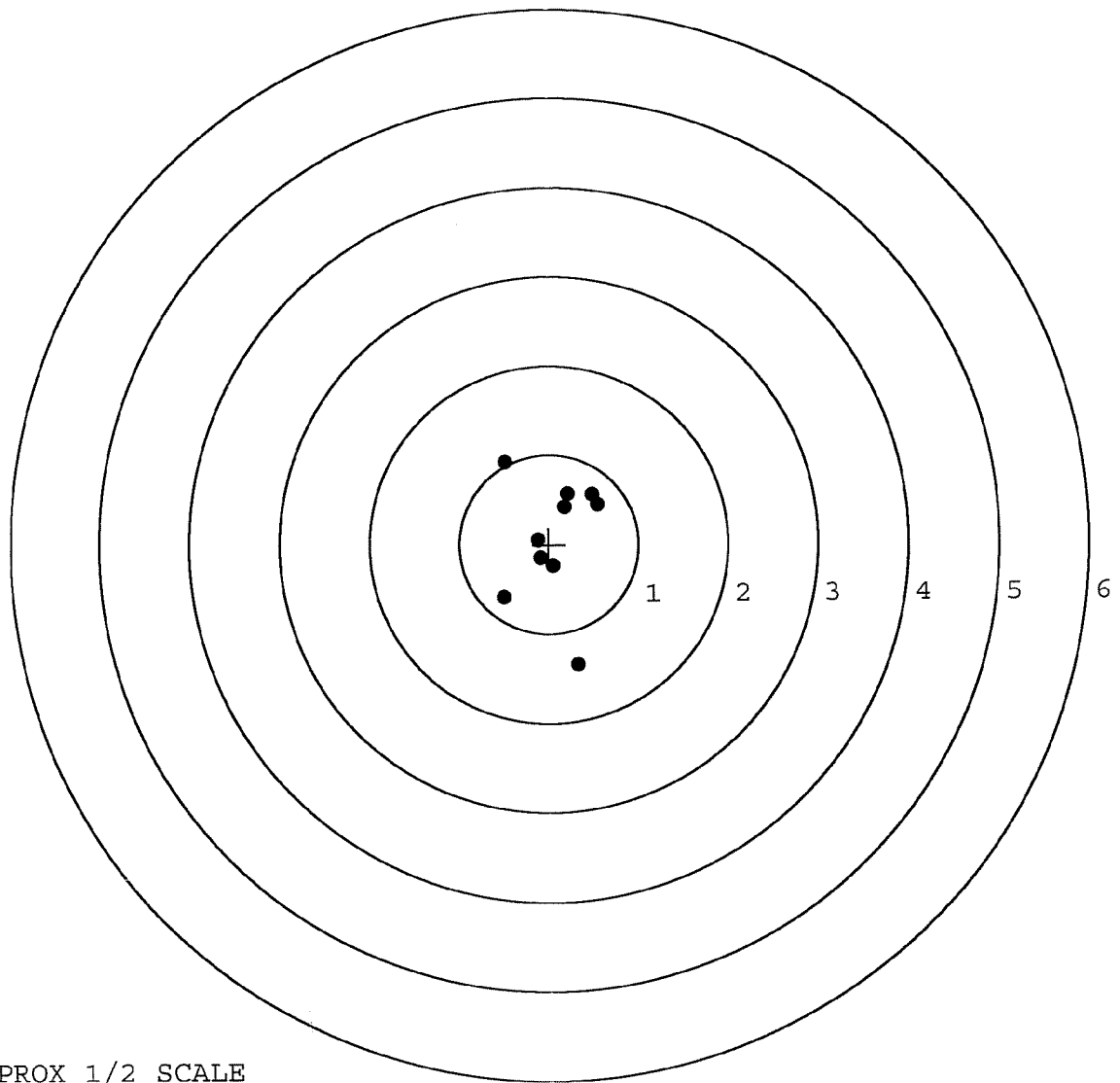
The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	0.135
The Average Point of Impact of the Five Target Set:	0.143
The Average Mean Radius of the Five Target Set:	0.618
The Distance from POA to Centroid Target #1:	0.083
The Distance from Centroid Target #2 to Centroid Target #1:	0.316
The Distance from Centroid Target #3 to Centroid Target #1:	0.498
The Distance from Centroid Target #4 to Centroid Target #1:	0.272
The Distance from Centroid Target #5 to Centroid Target #1:	0.155

BARBER - M24 0083969

SERIAL NUMBER: C6225097. __0
 TARGET NUMBER: 1
 FILE DATE: 01/24/2002
 FILE TIME: 23:22

POINT#	X	Y
1:	-0.487	0.918
2:	0.207	0.564
3:	0.486	0.560
4:	0.540	0.442
5:	0.178	0.419
6:	-0.125	0.049
7:	-0.096	-0.158
8:	0.047	-0.246
9:	-0.503	-0.597
10:	0.322	-1.350

X CENTROID: 0.057
 Y CENTROID: 0.060
 POA TO CENTROID: 0.083
 HORZ SPREAD: 1.043
 VERT SPREAD: 2.268
 GROUP SPREAD: 2.408
 MIN RADIUS: 0.182
 MAX RADIUS: 1.435
 MEAN RADIUS: 0.625
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0083970

SERIAL NUMBER: C6225097. __0

TARGET NUMBER: 2

FILE DATE: 01/24/2002

FILE TIME: 23:22

POINT#	X	Y
1:	0.032	0.861
2:	-0.287	0.514
3:	-0.781	0.370
4:	-0.304	-0.024
5:	0.057	-0.336
6:	-0.216	-0.513
7:	0.141	-0.167
8:	0.093	-0.858
9:	0.079	-1.031
10:	0.550	-1.136

X CENTROID: -0.064

Y CENTROID: -0.232

POA TO CENTROID: 0.241

HORZ SPREAD: 1.331

VERT SPREAD: 1.997

GROUP SPREAD: 2.063

MIN RADIUS: 0.159

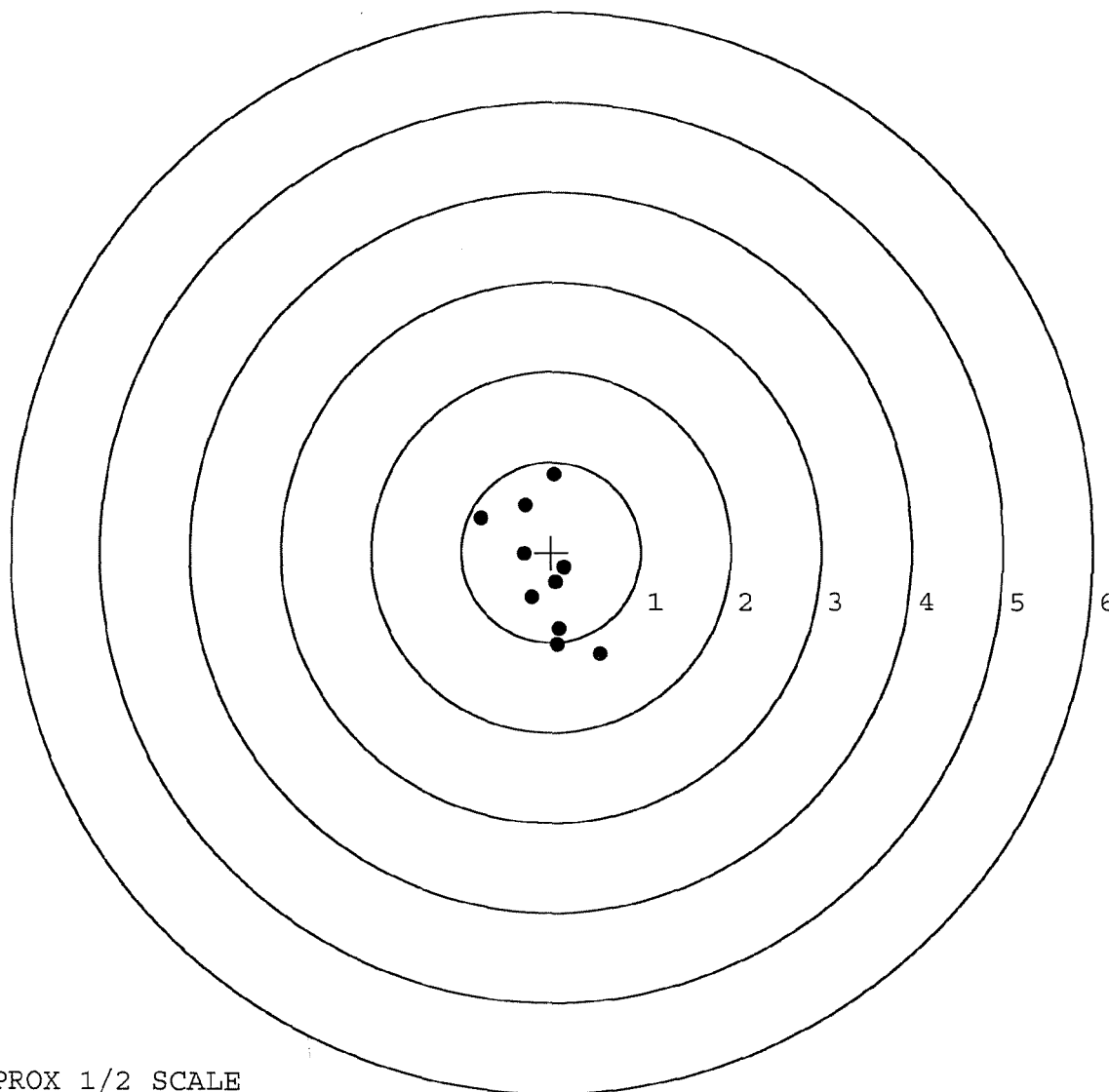
MAX RADIUS: 1.097

MEAN RADIUS: 0.637

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

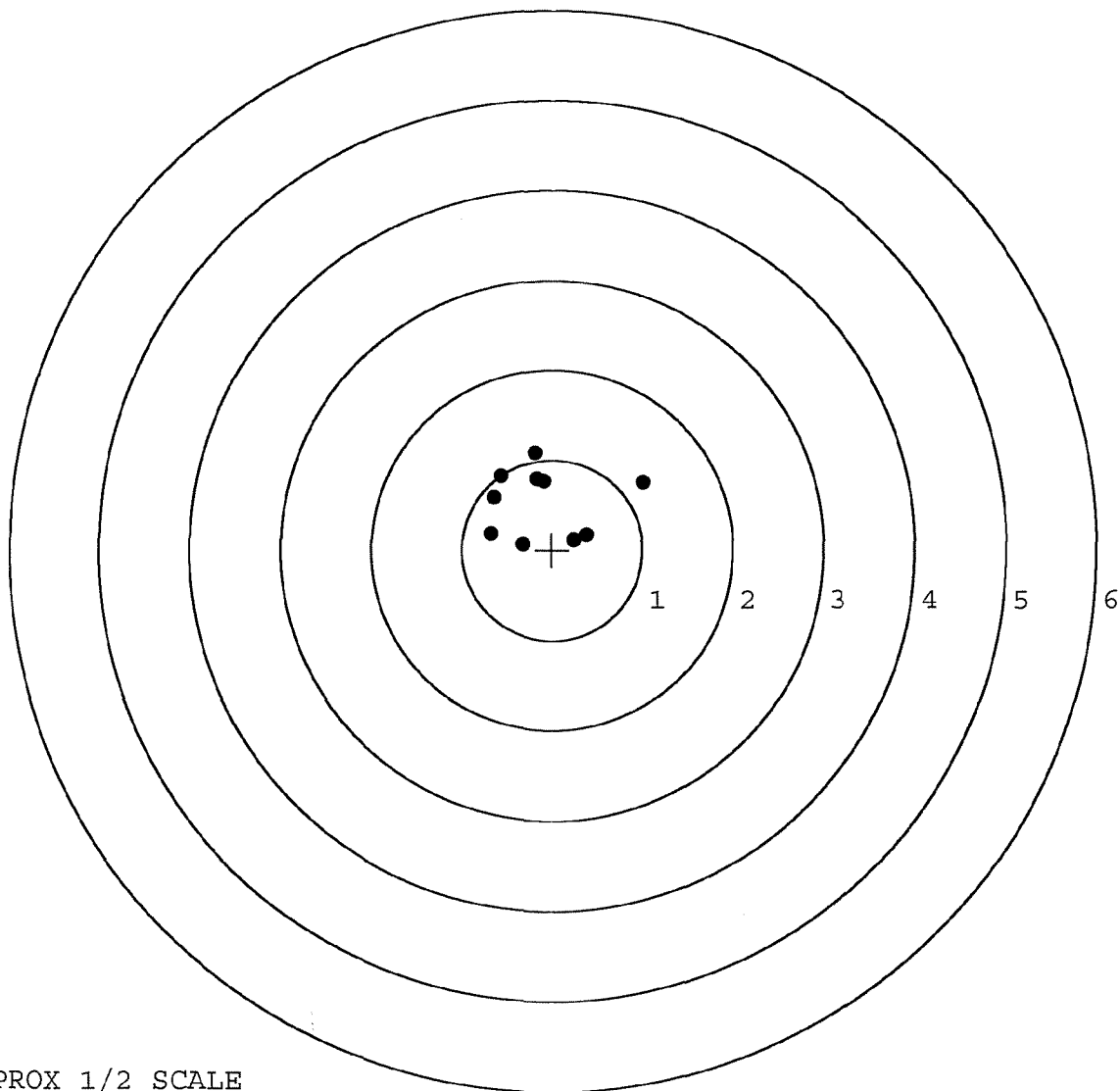


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225097. 0
 TARGET NUMBER: 3
 FILE DATE: 01/24/2002
 FILE TIME: 23:22

POINT#	X	Y
1:	-0.096	0.766
2:	-0.686	0.179
3:	-0.326	0.057
4:	0.238	0.111
5:	0.376	0.167
6:	-0.195	1.079
7:	-0.180	0.792
8:	-0.573	0.814
9:	-0.653	0.577
10:	1.002	0.752

X CENTROID: -0.109
 Y CENTROID: 0.529
 POA TO CENTROID: 0.541
 HORZ SPREAD: 1.688
 VERT SPREAD: 1.022
 GROUP SPREAD: 1.783
 MIN RADIUS: 0.237
 MAX RADIUS: 1.133
 MEAN RADIUS: 0.563
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

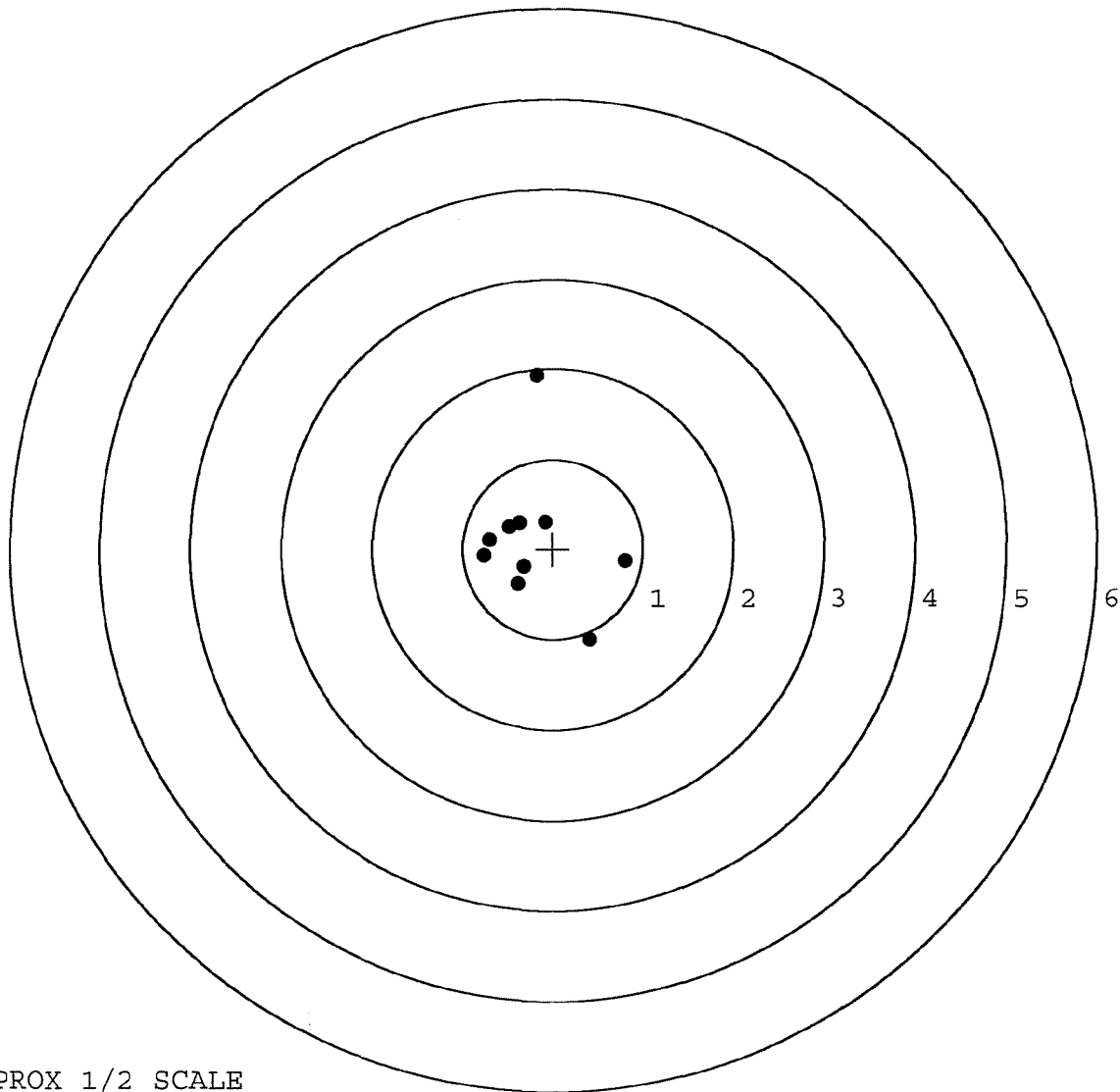


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225097. 0
 TARGET NUMBER: 4
 FILE DATE: 01/24/2002
 FILE TIME: 23:22

POINT#	X	Y
1:	-0.180	1.923
2:	0.806	-0.137
3:	0.408	-1.009
4:	-0.765	-0.084
5:	-0.393	-0.399
6:	-0.321	-0.199
7:	-0.493	0.246
8:	-0.707	0.100
9:	-0.089	0.302
10:	-0.379	0.289

X CENTROID: -0.211
 Y CENTROID: 0.103
 POA TO CENTROID: 0.235
 HORZ SPREAD: 1.571
 VERT SPREAD: 2.932
 GROUP SPREAD: 2.990
 MIN RADIUS: 0.233
 MAX RADIUS: 1.820
 MEAN RADIUS: 0.687
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0083973

SERIAL NUMBER: C6225097. __0

TARGET NUMBER: 5

FILE DATE: 01/24/2002

FILE TIME: 23:22

POINT#	X	Y
1:	-0.471	1.120
2:	-0.095	1.153
3:	-0.077	0.240
4:	0.060	0.248
5:	0.287	0.399
6:	0.469	0.300
7:	0.395	0.215
8:	0.285	0.226
9:	0.404	-0.331
10:	-0.400	-1.441

X CENTROID: 0.086

Y CENTROID: 0.213

POA TO CENTROID: 0.230

HORZ SPREAD: 0.940

VERT SPREAD: 2.594

GROUP SPREAD: 2.612

MIN RADIUS: 0.044

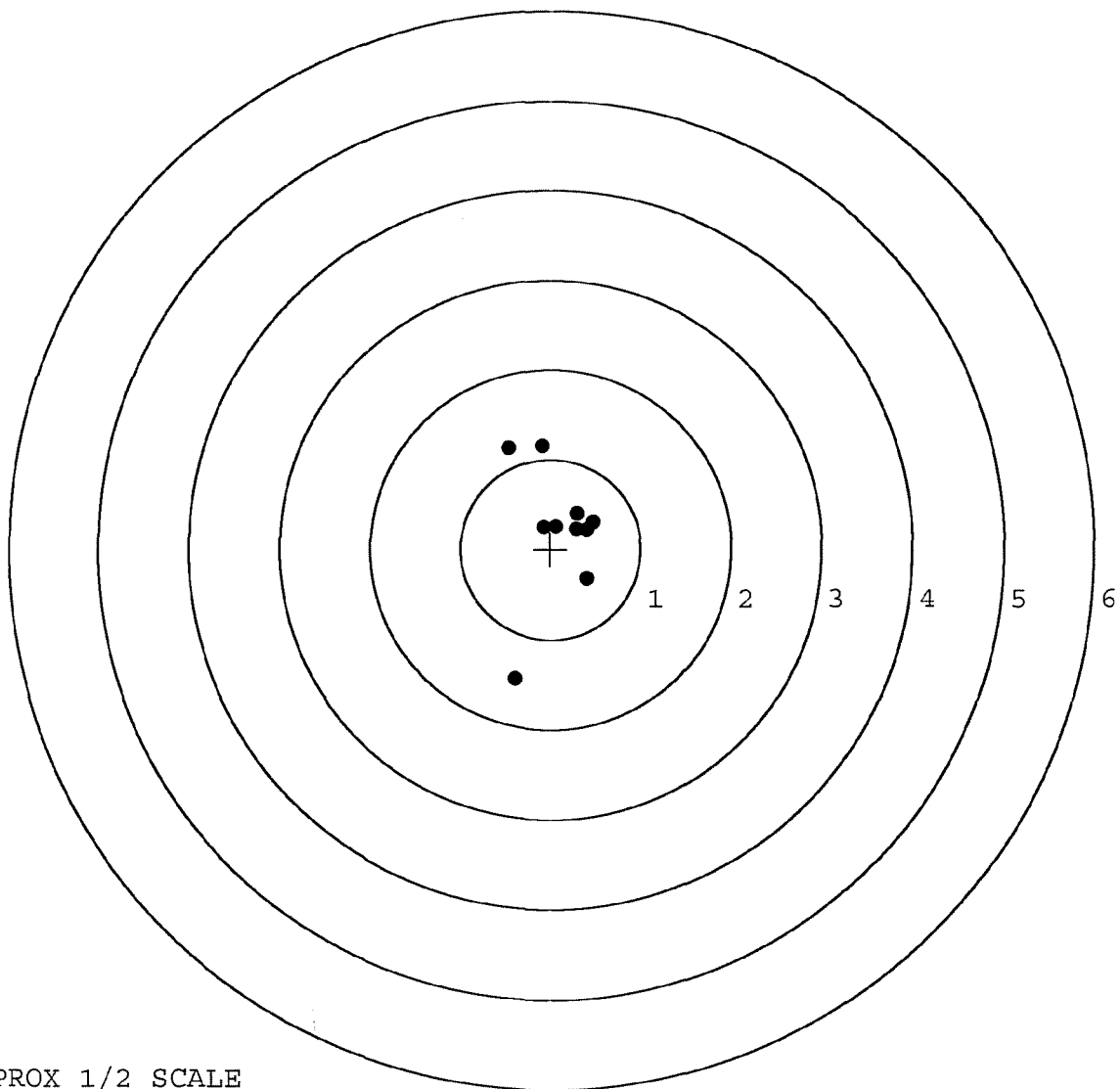
MAX RADIUS: 1.724

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0083974		C 6275097					DATE	INIT
op. #	OP. NAME	READINGS						
625 cont.	F) Safety On Force	3	3	3			4/15/90	WB
	G) Safety Off Force	4 1/2	4 1/2	4 1/2			4/15/90	WB
	H) Trigger Pull Test & Retainability						1/2/90	CS
	I) Firing Pin Indent	.022	.0215	.0205	.0202		4/15/90	WB
	J) Assemble Stock						4/15/90	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						4/15/90	WB
	A) Headspace							
	B) Trigger Pull	2.85	2.81	2.68	2.76	2.67	4/15/90	WB
	C) Function						4/15/90	WB
660	Pack						4/15/90	WB

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225097

OP. #	OP. NAME	READINGS	DATE	INIT
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		1/7/90	68.

RECEIVING AND ESTIMATING REPORT

BARBER - M24 008397

W/ 10X LEUPOLD M-24

CUSTOMER ORDER NO.		DATE OPENED		DATE CODE	SERIAL NUMBER	MODEL AND GRADE	ORDER
21/89		1/22/89		BJ 1-89	C6225097	9999 7.62 NATO	R 89-28529
SLING STRAP		W/STUDS		W/SWIVELS		HARD CASE	SCOPE MNTS
SCOPE BASE							

COMMANDER
DCO 782 ND MAINTANENCE BLD
ARMAMENT SHOP
FT BRAGG NC 28307

SHIP TO:
COMMANDER
DCO 782 ND MAINTANENCE BLD
ARMAMENT SHOP
FT BRAGG NC
28307

NT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					UPS

P 161 801 535

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Int to	Et. Bragg
Post and No	Armament Shop
State and ZIP Code	N.C. 28307
Weight	38.02

United Pay .85

Basic Delivery Fee

Estimated Delivery Fee

Return Receipt showing
Weight and Postage Paid

Return Receipt showing
Date and Address of Delivery

OTOL Postage and Fees

Postmark of Date

Charge Account # 018489	
to Jerry Hill	
030190	USPS PRIORITY
R-3928529	Z/2 28344
62 LB 05.0 OZ	BASE CHG \$ 38.020
	N SPC FEES \$ 1.75
INSURANCE	UPS
PARCEL POST	TOTAL \$ 0.00
TOTAL CHARGES \$ 39.770	

☒ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

PUSHING SAFETY OFF

66ER Assy - Replace Trigger Assembly
2 Action To Stock
BARREL ACTION
7

3-2-90

96023 - SWIVEL
96091 - CLEANING ROD ASSY
96106 - M-16 CLEANING BRUSH
16935 - CHAMBER BRUSH
96114 - BORE BRUSH
96115 - OIL BOTTLE
96116 - PATCHES

Bench Test 1/2/90 RW

Replace Trigger Assembly

96024 - \$ 149.51

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

WITH GUN

Bill Bralinsky

RD6925 REV. 6/88

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 008397 84015

COMMENTS

W/ 10X LEUPOLD M-24

INITIAL FJB	CUSTOMER ORDER NO.					
DATE RECEIVED 11/21/89	DATE OPENED 11/27/89	DATE CODE BJ 1-89	SERIAL NUMBER C6225097	MODEL AND GRADE 9999 7.62 NATO		ORDER R 89-28529
ACCESSORIES SLING STRAP		W/STUDS	W/SWIVELS	HARD CASE	SCOPE MNTS	
SCOPE BASE						

FROM:

COMMANDER
DCO 782 ND MAINTANENCE BLD
ARMAMENT SHOP
FT BRAGG NC 28307

SHIP TO:

COMMANDER
DCO 782 ND MAINTANENCE BLD
ARMAMENT SHOP
FT BRAGG NC
28307

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
---------------	-----	-----------	-----	-------------	-------

GUN CONDITION:

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

CUSTOMER'S REQUEST

FIRES WHEN PUSHING SAFETY OFF

MAIN FAULT

- (1) - ADJUST TRIGGER ASSY - Replace trigger assembly
- (2) - REPAIR BARREL ACTION TO STOCK
- (3) - TOUCH-UP BARREL ACTION
- (4) - FUNCTION TEST
- (5) - BENCH TEST

PARTS

MISSING

1- 96023 - SWIVEL

1- 96091 - CLEANING ROD ASSY

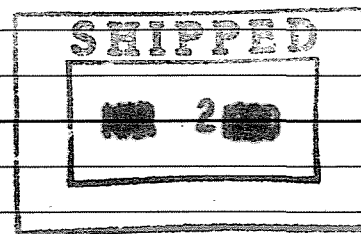
1- 96106 - M-16 CLEANING BRUSH

1- 16935 - CHAMBER BRUSH

1- 96114 - BORE BRUSH

1- 96115 - OIL BOTTLE

1- 96116 - PATCHES



Bench Test 1/2/90 RW

Replace trigger assembly

96024 - \$149.91

REPAIRMAN

RW

PROOF

DATE

CLEAN

DATE

TEST

DATE

TARGET

DATE

PATTERN

DATE

OFFICE COPY

Bill Breslin

RD6925 REV. 6/88

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06225097DATE 2 Jan 90TESTER 928

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.63	2.62	2.75	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.43	2.53	2.81	
PULL #3	2.38	2.50	2.55	2.68	
PULL #4	2.42	2.45	2.54	2.76	
PULL #5	2.45	2.45	2.49	2.67	
TOTAL	12.23	12.46	12.63	13.77	
AVG.	2.446	2.492	2.526	2.75	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.41		
PULL #2	3.33	3.21		
PULL #3	3.25	3.47		
PULL #4	3.33	3.41		
PULL #5	3.37	3.33		
TOTAL	16.38	16.78		
AVG.	3.276	3.356		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.34		
PULL #2	4.34	4.21		
PULL #3	4.40	4.25		
PULL #4	4.36	4.34		
PULL #5	4.39	4.27		
TOTAL	21.88	20.41		
AVG.	4.376	4.082		

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

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

MODEL 700™ M24

SERIAL NO.
06225097

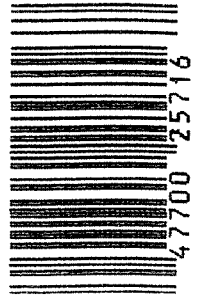
ORDER NO.
5716

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



5716 06225097

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225097

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	Pfc.
	Magnaflux Bolt		1-3-89	Pfc.
615	Rollmark Caliber		12/22/88	WJC
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJC
620	Apply Coatings (Barrel Action)		1-13-89	1/54
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/6/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/6/89	RW
	C) Inspect Ejector Hole for Chamfer		2/6/89	RW
	D) Oil Firing Pin Ass'y		2/6/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-26-89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6/26/89	JS
	G) Safety Off Force	3	3	3			6/26/89	JS
	H) Trigger Pull Test & Retainability						6/26/89	JS
	I) Firing Pin Indent	.021	.021	.021			6/26/89	JS
	J) Assemble Stock						7/14/89	JS
	K) Assemble Swivel Studs						16/26/89	JS
	L) Attach Front and Rear Sight Assemblies						7/14/89	JS
	M) Iron Sight Alignment						7/14/89	JS
	N) Detach Front & Rear Sights & place in numbered container						7/14/89	JS
	O) Attach Scope to Rifle						15/26/89	JS
	P) Detach & Attach Scope 20 Times						15/26/89	JS
640	Gallery Target & Test	67R	90L				7/15/89	DH
	A) Time						7/15/89	DH
	B) Malfunctions						7/15/89	DH
	C) Pierced Primers						7/15/89	DH
	D) Optical Clarity of Scope						7/15/89	DH
645	Inspect for Live Ammo						7/15/89	DH
655	Final Inspection							
	A) Headspace						16/26/89	JS
	B) Trigger Pull	270	273	261	275	265	16/26/89	JS
	C) Function						16/26/89	JS
660	Pack						23/10/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 5099
C16348968DATE 5 Oct 89TESTER JLH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	243	249	266	235	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	248	265	266	242	
PULL #3	244	239	288	229	
PULL #4	243	249	241	253	
PULL #5	244	258	234	243	
TOTAL	1222	1260	1295	1202	
AVG.	2.444	2.52	2.59	2.404	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	342	315		
PULL #2	332	332		
PULL #3	341	345		
PULL #4	338	339		
PULL #5	345	340		
TOTAL	1698	1661		
AVG.	3.396	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	428	447		417
PULL #2	438	437		407
PULL #3	441	461		413
PULL #4	449	448		419
PULL #5	452	453		414
TOTAL	2208	2246		2070
AVG.	4.416	4.492		4.14

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225097
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.0121655
1 TO	2	.284935
1 TO	3	.0554707
1 TO	4	.130602
1 TO	5	.180499

3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0384
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0416

THE AMR FOR THIS RIFLE IS: .9242

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225087

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HSE = 2.039

VSE = 2.873

ESE = 2.889

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.859

.767

.690

MINIMUM X

-1.180

-1.272

-1.349

MAXIMUM Y

1.471

1.316

1.181

MINIMUM Y

-1.482

-1.323

-1.159

CENTROID X

-.012

.080

.157

CENTROID Y

.002

.157

-.007

POA TO CENTROID in.

.012

.177

.158

MIN RADIUS

.618

.471

.482

MEAN RADIUS

1.093

1.011

.932

MAX RADIUS

1.629

1.454

1.459

HORIZONTAL SPREAD

2.039

2.039

2.039

VERTICAL SPREAD

2.873

2.639

2.340

EXTREME SPREAD

2.889

2.857

2.485

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

5

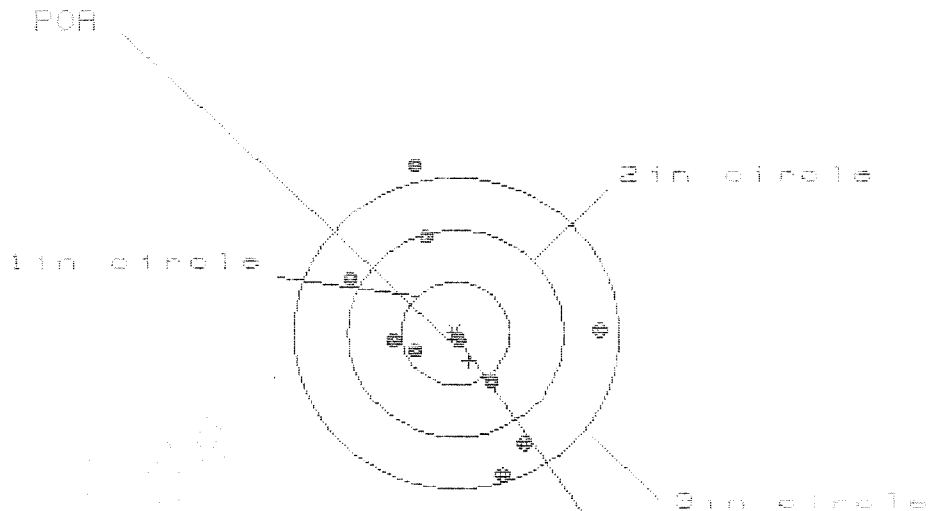
NUMBER IN THREE INCH CIRCLE =

8

17 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225087

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIRC

1 in 2

2 in 4

3 in 8

HS = 0.257

VS = 0.979

ES = 0.974

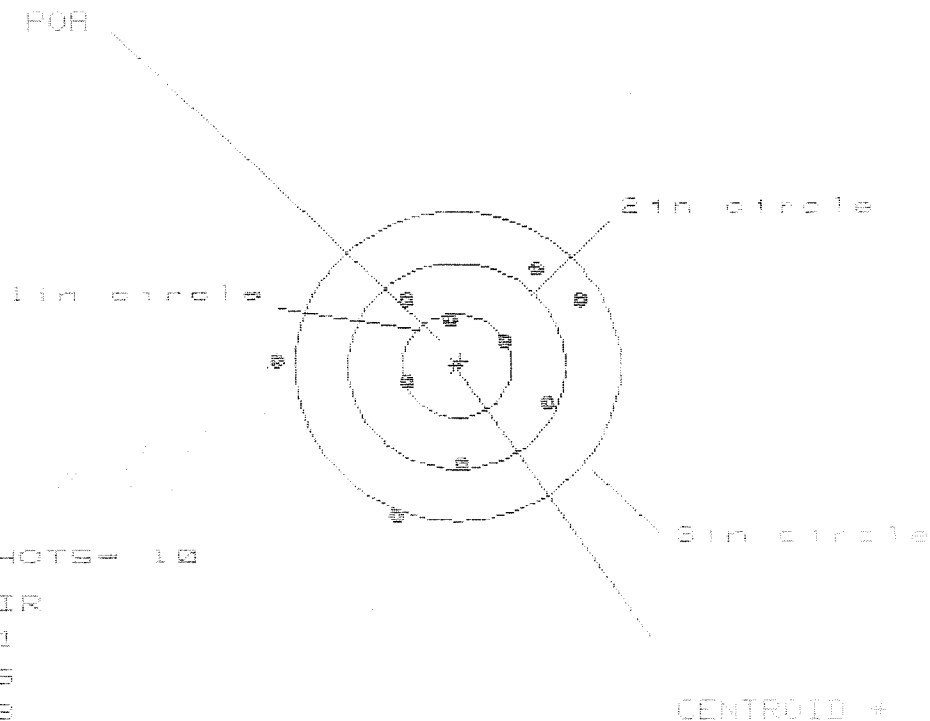
CENTROID +

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.315	1.275	1.320
MINIMUM X	-.942	-.982	-.937
MAXIMUM Y	1.624	1.158	1.611
MINIMUM Y	-1.355	-1.174	-1.041
CENTROID X	-.124	-.084	-.129
CENTROID Y	.264	.083	.230
POR TO CENTROID in.	.291	.118	.264
MIN RADIUS	.061	.131	.043
MEAN RADIUS	.939	.845	.784
MAX RADIUS	1.663	1.300	1.324
HORIZONTAL SPREAD	2.257	2.257	2.257
VERTICAL SPREAD	2.979	2.332	2.052
EXTREME SPREAD	3.074	2.430	2.004
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0825087

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.817

VS= 2.323

GS= 2.877

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.155	.970	.879
MINIMUM X	-1.662	-.732	-.778
MAXIMUM Y	.906	.909	.732
MINIMUM Y	-1.417	-1.414	-1.114
CENTROID X	-.038	.147	.238
CENTROID Y	-.047	-.050	.127
POR TO CENTROID in.	.060	.155	.270
MIN RADIUS	.447	.383	.206
MEAN RADIUS	.976	.885	.760
MAX RADIUS	1.663	1.592	1.145
HORIZONTAL SPREAD	2.817	1.702	1.656
VERTICAL SPREAD	2.323	2.323	1.846
EXTREME SPREAD	2.877	2.659	1.988
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05225097

CENTERFIRE PATTERNS

4

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.074

VS= 1.975

GS= 2.640

CENTROID +

PATTERN #

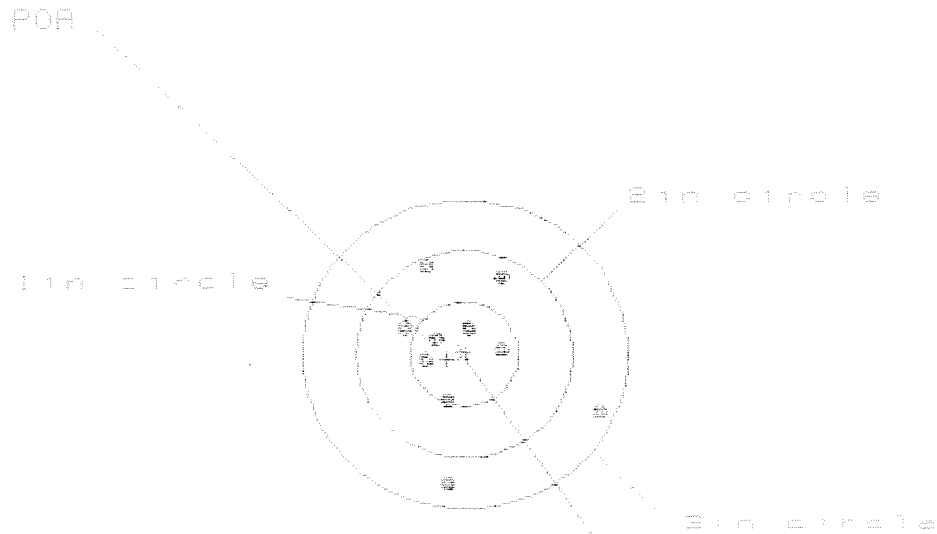
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.878	.950	.813
MINIMUM X	-1.196	-1.038	-.991
MAXIMUM Y	1.059	1.124	1.066
MINIMUM Y	-.916	-.798	-.856
CENTROID X	.092	-.006	.131
CENTROID Y	-.077	-.195	-.137
FOR TO CENTROID in.	.120	.195	.190
MIN RADIUS	.487	.353	.449
MEAN RADIUS	.925	.969	.913
MAX RADIUS	1.376	1.244	1.261
HORIZONTAL SPREAD	2.074	2.048	1.994
VERTICAL SPREAD	1.975	1.922	1.922
EXTREME SPREAD	2.640	2.429	2.429
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225097

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.820

VS= 2.103

GS= 2.116

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.228	.507	.504
MINIMUM X	-.592	-.455	-.458
MAXIMUM Y	.817	.756	.588
MINIMUM Y	-1.286	-1.347	-.714
CENTROID X	.162	.025	.028
CENTROID Y	.050	.111	.279
POA TO CENTROID in.	.169	.113	.280
MIN RADIUS	.295	.181	.183
MEAN RADIUS	.688	.582	.467
MAX RADIUS	1.343	1.347	.714
HORIZONTAL SPREAD	1.820	.962	.962
VERTICAL SPREAD	2.103	2.103	1.302
EXTREME SPREAD	2.116	2.117	1.329
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 8		
NUMBER IN THREE INCH CIRCLE	= 10		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225097

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		8/3/92	RW
600	Proof		8/3/92	RW
607	Check Headspace		8/3/92	RW
610	Dis-assemble Gun		8/3/92	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			
	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 0083991	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	8/11/92	DH
	A) Time	8-11-92	DH
	B) Malfunctions	8/11/92	DH
	C) Pierced Primers	8/11/92	DH
	D) Optical Clarity of Scope	8-11-92	DH
645	Inspect for Live Ammo	8/11/92	DH
655	Final Inspection		
	A) Headspace	8/11/92	RW
	B) Trigger Pull	2.15 2.16 2.10 2.07 2.02	8/11/92 RW
	C) Function		8/11/92 RW
660	Pack		

RECEIVING BARBER M24 0083992

COMMENTS

ORDER
R 92-14800

INITIAL CUSTOMER ORDER NO.

JJM

M-24 SNIPER

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/21/92	07/21/92	BJ 1-89	C6225097		700 7.62 NATO

ACCESSORIES W/STUDS HARD CASE SCOPE BASE

FROM:

SHIP TO:

D CO 782ND MAINTANCE BA
FORT BRAGG NC 28307D CO 782ND MAINTANCE BA
FORT BRAGG NC
28307

CUST NO: 045582 CLO DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
----------------	------	------	------	------	------

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0083992 84031

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL	
For use of this form, see DA PAM 738-750, the proponent agency is DCSLOG						CSGLD - 1047(R1)	
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>DCo 782nd M4 Bn</i>		B. LOCATION <i>Ft Bragg N.C. 28307-5100</i>		C. UNIT IDENT CODE <i>WABYDO</i>	
2. SERIAL NO. <i>C6225097</i>		3. NOUN NOMENCLATURE <i>Sniper Rifle 7.62mm</i>		4. LINE NO. <i>M24</i>		5. MODEL <i>1405-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY <i>Remington Arms</i>		B. LEVEL <i>D</i>		8. UTILIZATION CODE		9A. MCSR ITEM	
				9B. ERC		9C. PACING ITEM	
				10. HOURS		11. MILES	
				12. ROUNDS		13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				☐ 058 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>Work Chamber</i>							
B. REMARKS							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor	
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST		K. TOTAL PARTS COST
					\$		\$
21. DELAY (Select One)							
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools							
22. Data Transcribed							
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY	
27. ACCEPTED BY		28. DISPOSITION (Select One)					
		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					
JULIAN DATE <i>2192</i>		JULIAN DATE		JULIAN DATE		JULIAN DATE	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6235097
11 Aug 1992

CENTROIDAL DISTANCES

0 TO	1	.151172
1 TO	2	.400271
1 TO	3	.335477
1 TO	4	.442684
1 TO	5	.0833507

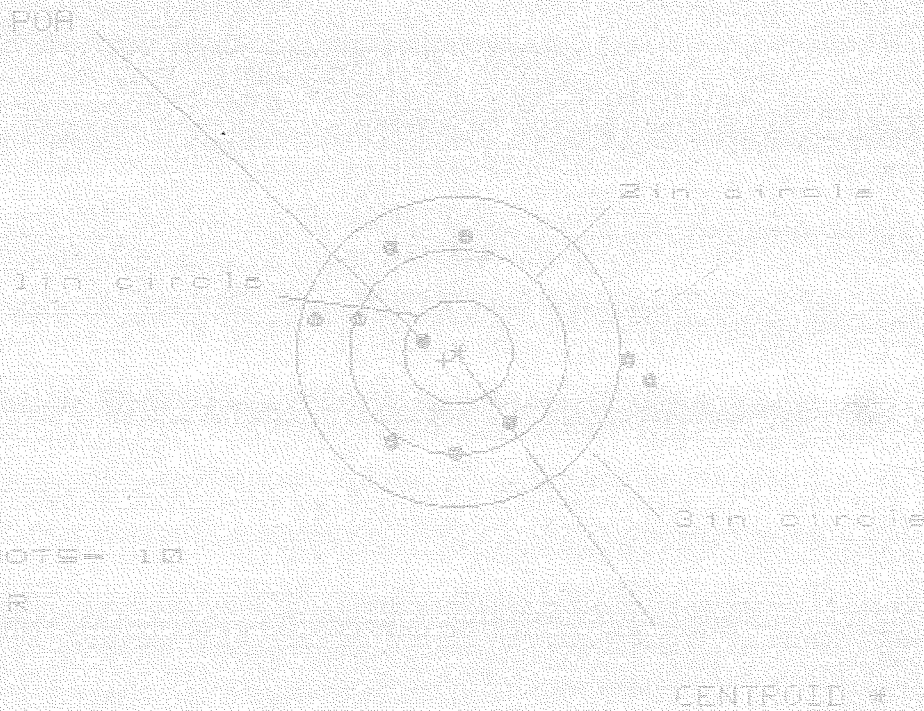
POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .179691
THE RMP FOR THIS RIFLE IS: 1.096

13 AUG 1992

FILE: \PATTERNING\CENTERFIRE_PATT\0025057

CENTERFIRE PATTERNS # 1



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.734	1.747	.894
MINIMUM X	-1.375	-1.182	-.764
MAXIMUM Y	1.115	1.079	1.070
MINIMUM Y	-.979	-1.015	-1.024
CENTROID X	.127	-.066	-.284
CENTROID Y	.082	.118	.127
POI TO CENTROID in.	.151	.135	.311
MIN RADIUS	.349	.174	.161
MEAN RADIUS	1.125	1.014	.887
MAX RADIUS	1.764	1.749	1.166
HORIZONTAL SPREAD	3.109	2.929	1.850
VERTICAL SPREAD	2.094	2.094	2.094
EXTREME SPREAD	3.170	2.948	2.120
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

11 Aug 1992

FILE: PATTERNING-CENTERFIRE_PATT-C8225097

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 12

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.448

VS= 2.258

GS= 2.548

PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.618	1.735	.728
MINIMUM X	-.938	-.658	-.432
MAXIMUM Y	1.328	1.287	1.286
MINIMUM Y	-.938	-.963	-.964
CENTROID X	.476	.296	.079
CENTROID Y	-.114	-.081	-.080
POA TO CENTROID in.	.459	.387	.112
MIN RADIUS	.079	.135	.384
MEAN RADIUS	.972	.859	.712
MAX RADIUS	1.645	1.735	1.217
HORIZONTAL SPREAD	2.448	2.385	1.161
VERTICAL SPREAD	2.258	2.258	2.258
EXTREME SPREAD	2.548	2.548	2.253
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 8		

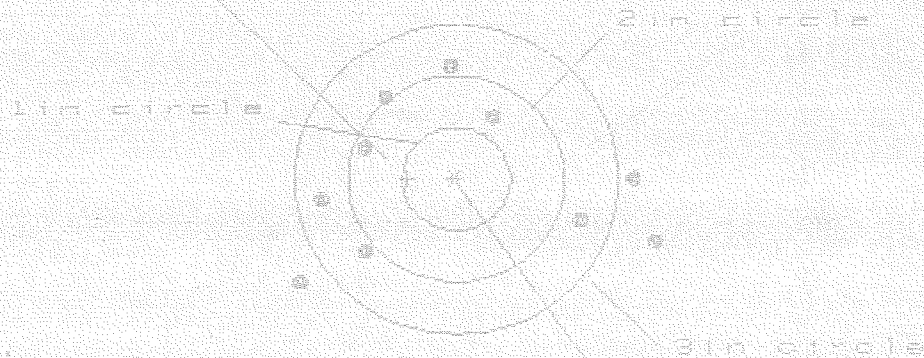
11 Aug 1992

FILE: PATTERNS/CENTERFIRE_PATT/0625057

CENTERFIRE PATTERNS

3

PCB



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

MS= 3.231

VS= 2.038

ES= 3.245

CENTROID #

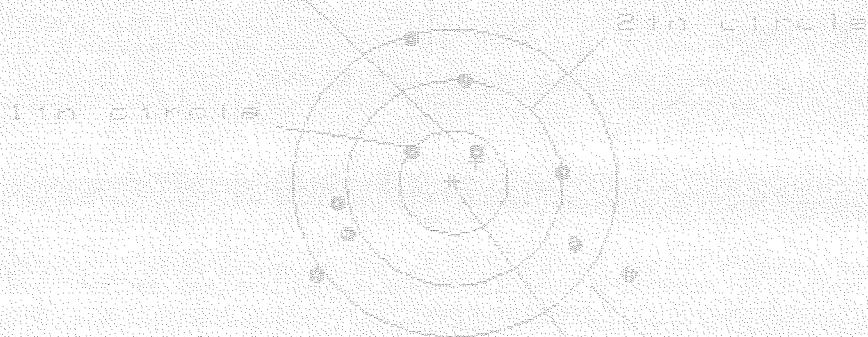
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.819	1.831	1.681
MINIMUM X	-1.402	-1.200	-1.203
MAXIMUM Y	1.057	.993	.864
MINIMUM Y	-.971	-1.035	-.886
CENTROID X	.451	.249	.400
CENTROID Y	-.005	.059	.180
PCB TO CENTROID in.	.452	.256	.441
MIN RADIUS	.754	.652	.629
MEAN RADIUS	1.256	1.146	1.079
MAX RADIUS	1.907	1.831	1.690
HORIZONTAL SPREAD	3.221	3.031	2.893
VERTICAL SPREAD	2.028	2.028	1.752
EXTREME SPREAD	3.245	3.186	2.893
NUMBER IN ONE INCH CIRCLE	0	0	0
NUMBER IN TWO INCH CIRCLE	2	2	2
NUMBER IN THREE INCH CIRCLE	7	7	7

11 Aug 1992

FILE/PATTERNING/CENTERFIRE_PATT/06225657

CENTERFIRE PATTERNS # 4

POB



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 3

3 in - 5

HS- 2.884

VS- 2.227

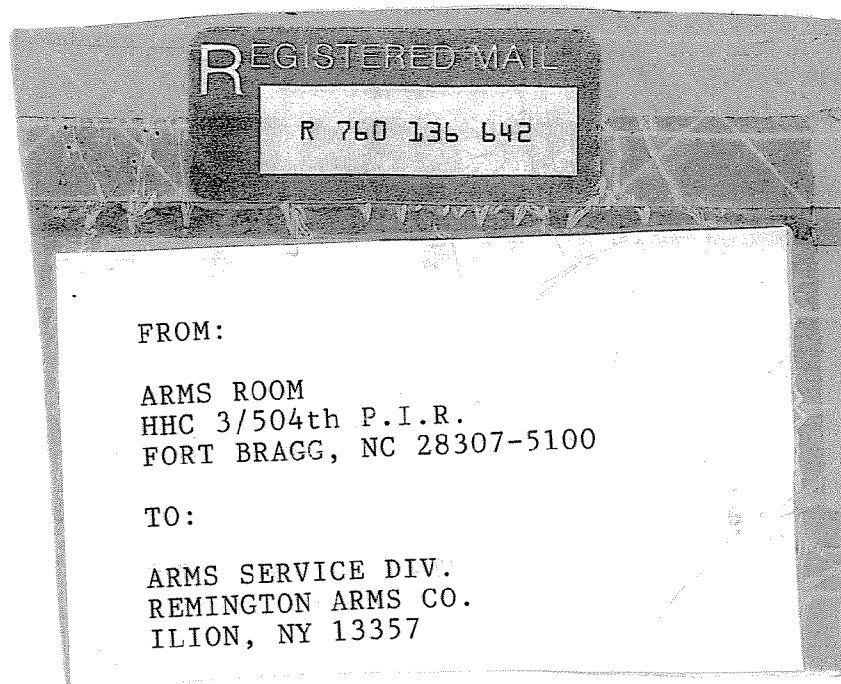
CE- 2.991

CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.518	1.247	1.114
MINIMUM X	-1.246	-1.067	-1.040
MAXIMUM Y	1.381	1.284	1.104
MINIMUM Y	-0.976	-0.959	-0.706
CENTROID X	-0.212	-0.091	-0.256
CENTROID Y	-0.203	-0.106	-0.114
POB TO CENTROID in.	0.234	0.405	0.090
1IN RADIUS	0.362	0.262	0.237
MEAN RADIUS	1.105	0.992	0.910
MAX RADIUS	1.809	1.404	1.359
HORIZONTAL SPREAD	2.864	2.314	2.154
VERTICAL SPREAD	2.257	2.240	1.800
EXTREME SPREAD	2.991	2.492	2.416
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

2.1.1. *Model 1*

BARBER - M24 ~~0084002~~ **M2400084041**



BARBER - M24 ~~0084885~~ 84044

GUN SERIAL # C6225097

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/19/94	RW
600	Proof		2/19/94	RW
607	Check Headspace		2/19/94	RW
610	Dis-assemble Gun		1/19/94	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		2/2/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/94	RW
	C) Inspect Ejector Hole for Chamfer		2/2/94	RW
	D) Oil Firing Pin Ass'y		2/2/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS				DATE	INIT
5 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					2/7/94	RW
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					2/7/94	RW
655	Final Inspection						
	A) Headspace					2/8/94	RW
	B) Trigger Pull	2.29	2.46	2.45	2.45	2.38	2/8/94 RW
	C) Function						2/8/94 RW
660	Pack						

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225097
24 Feb 1994

CENTROIDAL DISTANCES

0 TO	1	.374489
1 TO	2	.52618
1 TO	3	.325909
1 TO	4	.637182
1 TO	5	.420268

42
31
15 C-----POB

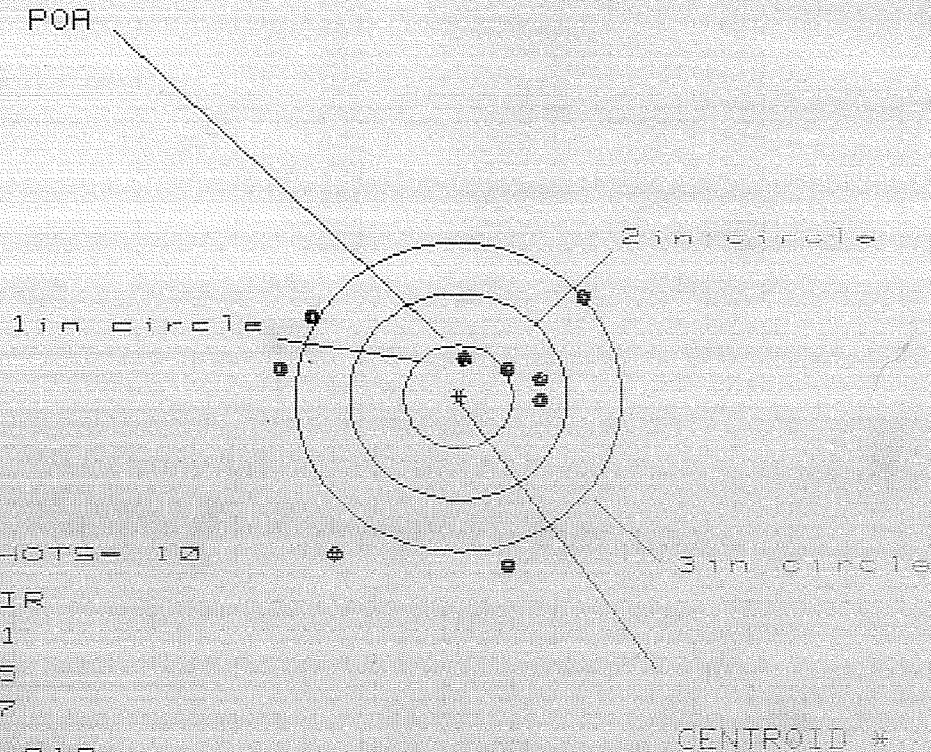
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0122
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .116043

THE AMR FOR THIS RIFLE IS: .936

24 Feb 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225097

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.818

VS= 2.549

ES= 3.335

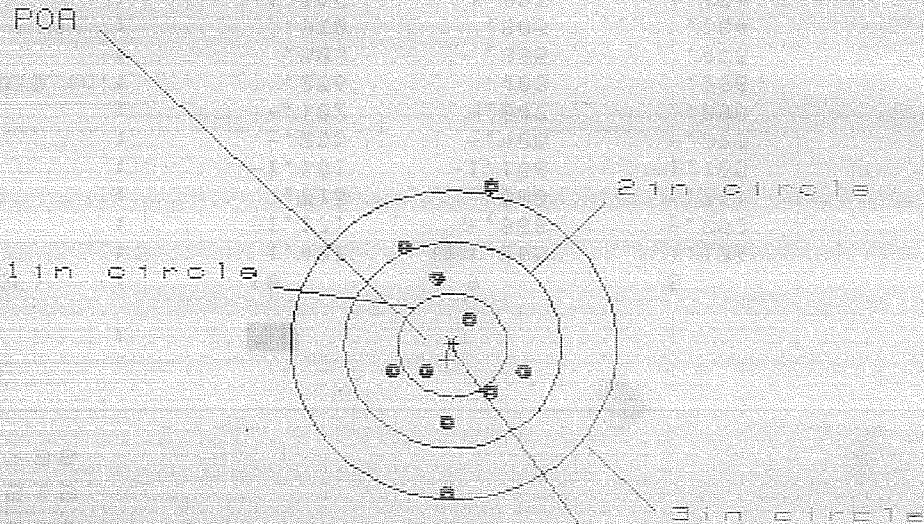
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.143	1.017	.792
MINIMUM X	:	-1.675	-1.801	-1.661
MAXIMUM Y	:	.958	.793	.810
MINIMUM Y	:	-1.591	-1.756	-1.738
CENTROID X	:	-.051	.075	.300
CENTROID Y	:	-.371	-.206	-.224
POA TO CENTROID in.	:	.374	.219	.374
MIN RADIUS	:	.401	.254	.162
MEAN RADIUS	:	1.126	.969	.786
MAX RADIUS	:	1.865	1.806	1.760
HORIZONTAL SPREAD	:	2.818	2.818	2.453
VERTICAL SPREAD	:	2.549	2.549	2.549
EXTREME SPREAD	:	3.335	2.935	2.935
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

24 Feb 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225007

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 1.188

VS = 3.024

ES = 3.051

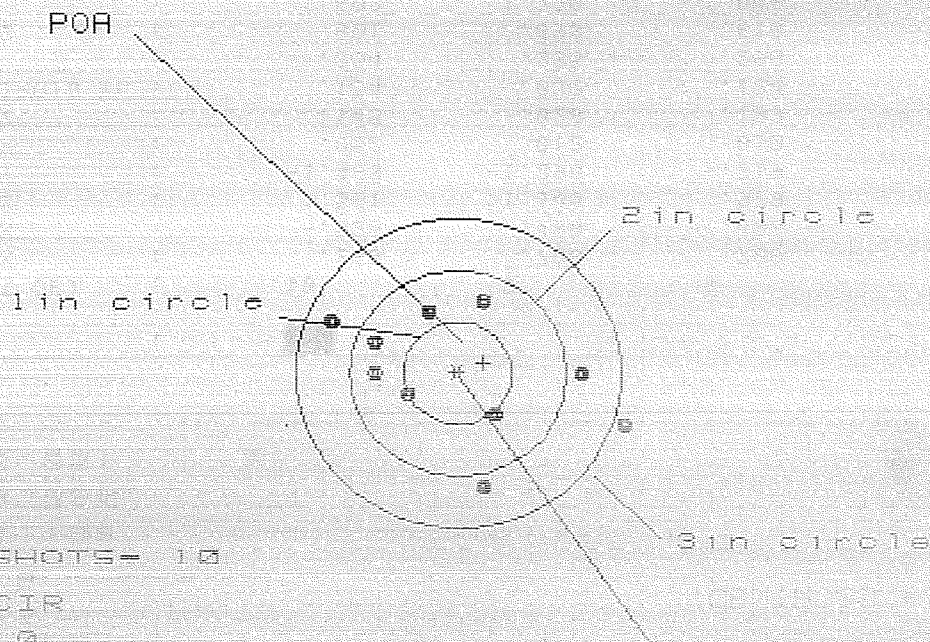
CENTROID *

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.668	.708	.708
MINIMUM X	-.520	-.480	-.480
MAXIMUM Y	1.561	1.140	.979
MINIMUM Y	-1.463	-1.290	-.719
CENTROID X	.052	.012	.012
CENTROID Y	.145	-.028	.133
POA TO CENTROID in.	.154	.030	.134
MIN RADIUS	.304	.235	.290
MEAN RADIUS	.801	.693	.616
MAX RADIUS	1.603	1.290	1.046
HORIZONTAL SPREAD	1.188	1.188	1.188
VERTICAL SPREAD	3.024	2.430	1.698
EXTREME SPREAD	3.051	2.457	1.727
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

24 Feb 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225097

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 9

HE= 2.618

VS= 1.816

GS= 2.786

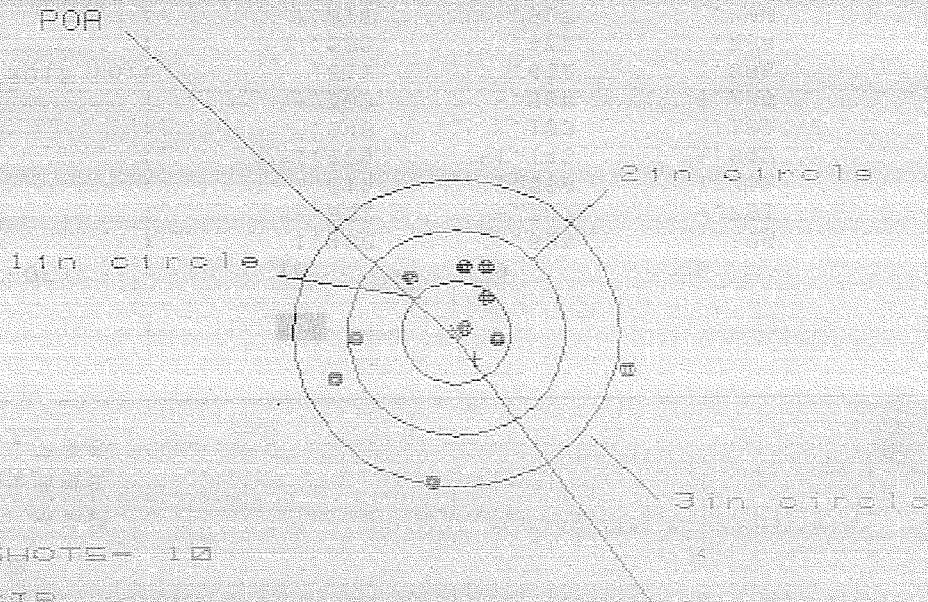
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.487	1.295	1.174
MINIMUM X	-1.131	-.966	-.753
MAXIMUM Y	.715	.660	.711
MINIMUM Y	-1.101	-1.156	-1.105
CENTROID X	-.235	-.400	-.279
CENTROID Y	-.102	-.047	-.098
POA TO CENTROID in.	.256	.403	.296
MIN RADIUS	.503	.385	.473
MEAN RADIUS	.910	.805	.784
MAX RADIUS	1.566	1.297	1.174
HORIZONTAL SPREAD	2.618	2.261	1.927
VERTICAL SPREAD	1.816	1.816	1.816
EXTREME SPREAD	2.786	2.312	1.957
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

24 Feb 1994

FILE:\PATTERNING\CENTERFIRE_PATT\08225097

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.721

VS= 2.100

GS= 2.722

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.620	.505	.493
MINIMUM X	-1.101	-.921	-.933
MAXIMUM Y	.685	.646	.465
MINIMUM Y	-1.415	-1.454	-.648
CENTROID X	-.175	-.355	-.343
CENTROID Y	.254	.293	.474
POA TO CENTROID in.	.308	.460	.585
MIN RADIUS	.137	.303	.331
MEAN RADIUS	.825	.742	.614
MAX RADIUS	1.656	1.456	1.136
HORIZONTAL SPREAD	2.721	1.426	1.426
VERTICAL SPREAD	2.100	2.100	1.113
EXTREME SPREAD	2.722	2.171	1.772
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVING BARBER-M24 0084014

COMMENTS

ORDER
R 98-20445

INITIAL CUSTOMER ORDER NO.

M-24

SWS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

10/02/98

10/05/98

C6225097

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER
HHC 3/504TH PIR - BLDG C-4125
FT BRAGG NC 28307COMMANDER
HHC 3/504TH PIR - BLDG C-4125
FT BRAGG NC
28307

CUST-NO:188511 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROV. 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

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

NEW BARREL
96003BOLT
96004~~STOCK~~~~96008~~

REPAIRMAN

RW

PROOF

✓

CLEAN

✓

TEST

✓

TARGET

✓

PATTERN

GALLERY TESTER

RW

DATE

DATE

DATE

11/3/98

DATE

11/3/98

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084014

COMMANDER
HEADQUARTERS AND HEADQUARTER COMPANY
3RD BATTALION 504th PARACHUTE INFANTRY
REGIMENT
FORT BRAGG, NORTH CAROLINA 28307-5100

REMINGTON ARMS COMPANY INCORPORATED
ATTENTION FABRICATED PRODUCTS DEPARTMENT
14 HOEFLER AVENUE
ILLION, NEW YORK 13357-1816

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27																	
DI OD CENT FROM M & S UN IS IT QUANTITY SE R SUPPL - MENTARY ADDRESS S I G F U N D DIS - TRI - BU - TION PRO - JECT P R I RDD EEA QLT DE A D V RI OC / P N D CM O G I T UNIT PRICE DOLLARS CTS																								1. TOTAL PRICE \$5145.00		2. SHIP FROM HHC 3/504		3. SHIP TO FT. BRAGG, NC															
00001 W36QZ9																								\$5145.00		\$5145.00		FT. BRAGG, NC															
W36QZ9 02200-4002																								4. MARK FOR WHPXTO																			
R95387																								5. DOC DATE		6. NMFC		7. FRT RATE		8. TYPE CARGO		9. PS											
1005-01-240-2136																								10. QTY. RECD		11. UP		12. UNIT WEIGHT		13. UNIT CUBE		14. UFC		15. SL									
00001 EA																								16. FREIGHT CLASSIFICATION NOMENCLATURE																			
C/C F																								17. ITEM NOMENCLATURE																			
SERIAL # C6225097																								RIFLE, 7.62mm, M24 SNIPER																			
REQUEST TO HAVE ITEM REPAIRED AND RETURNED																								18. TY CONT				19. NO CONT				20. TOTAL WEIGHT				21. TOTAL CUBE							
ADE DOC# FOR RETURN OF EQUIPMENT IS: W36QZ9																								22. RECEIVED BY												23. DATE RECEIVED							

PREVIOUS EDITION MAY BE USED

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD 12	PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HHC 3/504th PIR FT. BRAGG, NC 28307		B. LOCATION BLDG C-4125 FT. BRAGG, NC 28307		C. UNIT IDENT CODE W36QZ9	
2. SERIAL NO. C6225097		3. NOUN NOMENCLATURE RIFLE, 7.62mm SNIPER		4. LINE NO. R95387	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-01-204-2136	
7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES
							12. ROUNDS
							13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				☐ 089 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).							
Request a complete technical inspection be sone on this weapon. Services should be done after every 1,000 rounds fired and none have been done in almost 6 (six) years.							
B. REMARKS Point of contact for this request is SSG Penhollow or SFC Schenkel at DSN 239-8229, or commercial 1-910-432-8229.							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.				13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.			
23. SUBMITTED BY		24. RECEIVED BY					
JULIAN DATE		JULIAN DATE					

BARBER - M24 0084020

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225097
19 Nov 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1746
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .176927

THE AMR FOR THIS RIFLE IS: 1.19

CENTROIDAL DISTANCES

0 TO	1	.185003
1 TO	2	.220145
1 TO	3	.452488
1 TO	4	.283551
1 TO	5	.188905

3 1²₄ <----POA
5

BARBER - M24 0084021

REMINGTON CENTERFIRE ACCURACY TEST

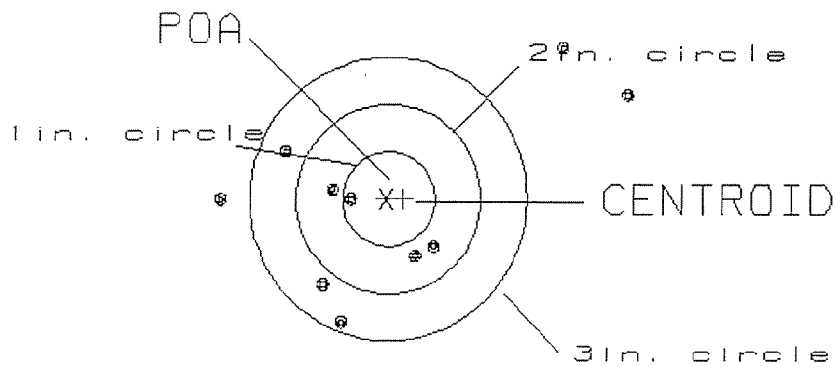
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .186
MIN RADIUS : .379
MEAN RADIUS : 1.331
MAX RADIUS : 2.797
CENTROID X : -.186
CENTROID Y : -.001

19 Nov 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225097.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 4.39
VS= 2.89
GS= 4.53

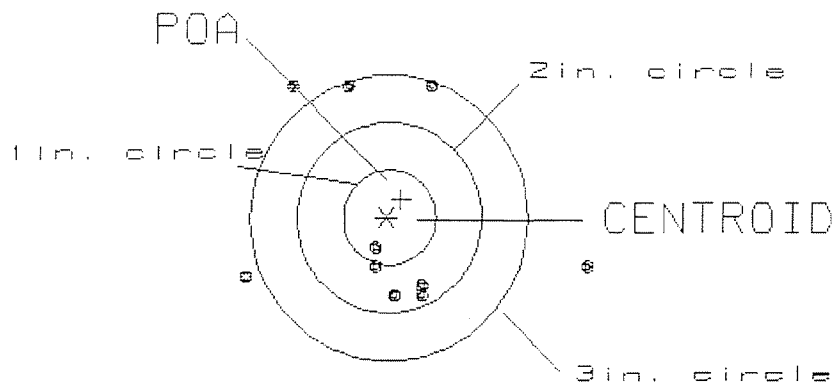
1
4
7

PATTERN #: 1 5
 POA TO CENTROID: .242
 MIN RADIUS : .361
 MEAN RADIUS : 1.185
 MAX RADIUS : 2.217
 CENTROID X : -.153
 CENTROID Y : -.187

19 Nov 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225097.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.72
 VS= 2.20
 GS= 3.73

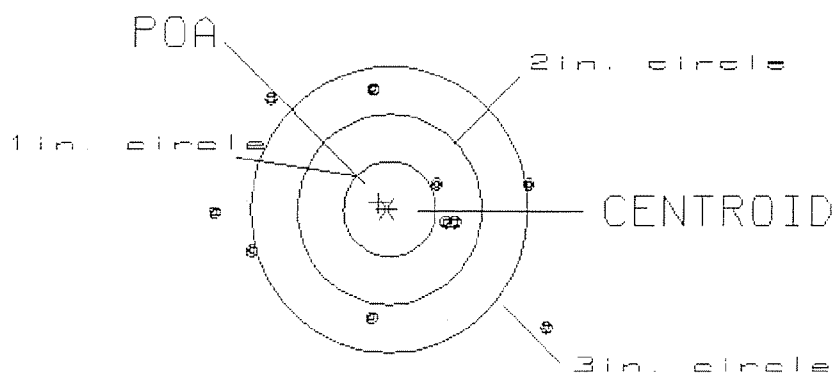
2
 5
 7

PATTERN #: 4
 POA TO CENTROID: .112
 MIN RADIUS : .572
 MEAN RADIUS : 1.311
 MAX RADIUS : 2.085
 CENTROID X : .090
 CENTROID Y : -.066

19 Nov 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225097.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.55

0

VS= 2.50

3

GS= 3.80

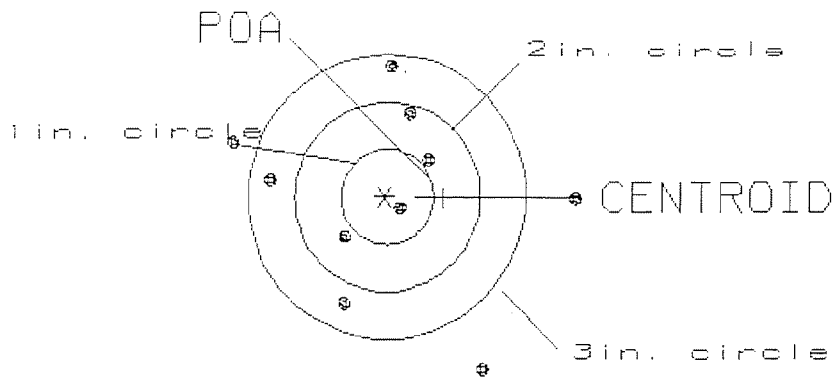
5

PATTERN #: 3
 POA TO CENTROID: .638
 MIN RADIUS : .155
 MEAN RADIUS : 1.194
 MAX RADIUS : 2.085
 CENTROID X : -.638
 CENTROID Y : .020

19 Nov 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225097.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.66

1

VS= 3.21

4

GS= 3.71

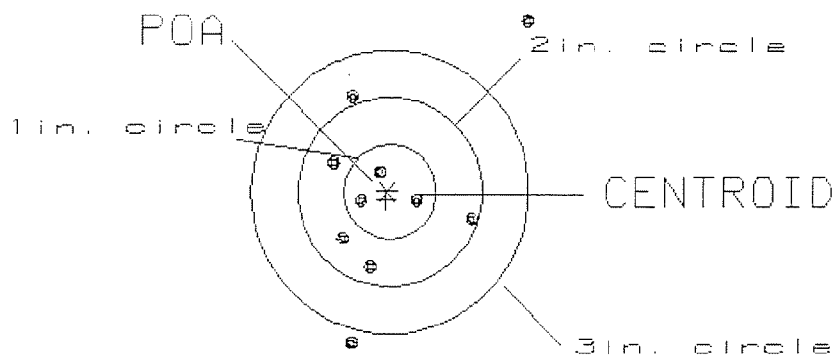
7

PATTERN #: 2
 POA TO CENTROID: .092
 MIN RADIUS : .260
 MEAN RADIUS : .927
 MAX RADIUS : 2.377
 CENTROID X : .014
 CENTROID Y : .091

19 Nov 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225897.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.18

3

VS= 3.41

7

GS= 3.91

8

BARBER - M24 0084026

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225097
17 Nov 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0596
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0597622

THE AMR FOR THIS RIFLE IS: 1.77

CENTROIDAL DISTANCES

0 TO	1	.245791
1 TO	2	.360272
1 TO	3	.334181
1 TO	4	1.19964
1 TO	5	.389344

4

+ 2 <----POA

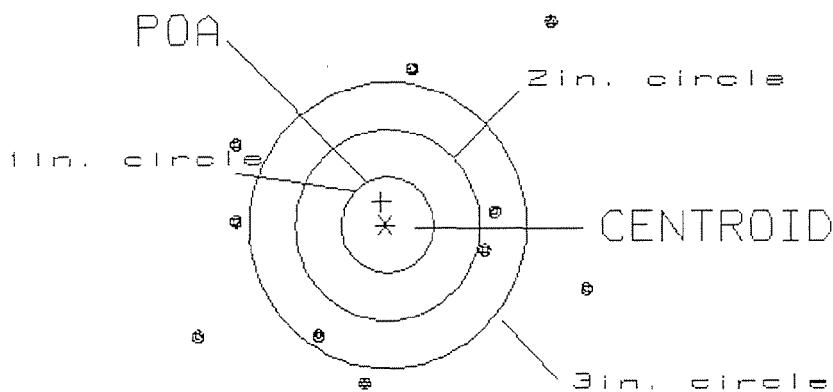
3 1 5

PATTERN #: 1
 POA TO CENTROID: .246
 MIN RADIUS : 1.049
 MEAN RADIUS : 1.780
 MAX RADIUS : 2.771
 CENTROID X : .043
 CENTROID Y : -.242

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CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.19

0

VS= 3.80

0

GS= 5.05

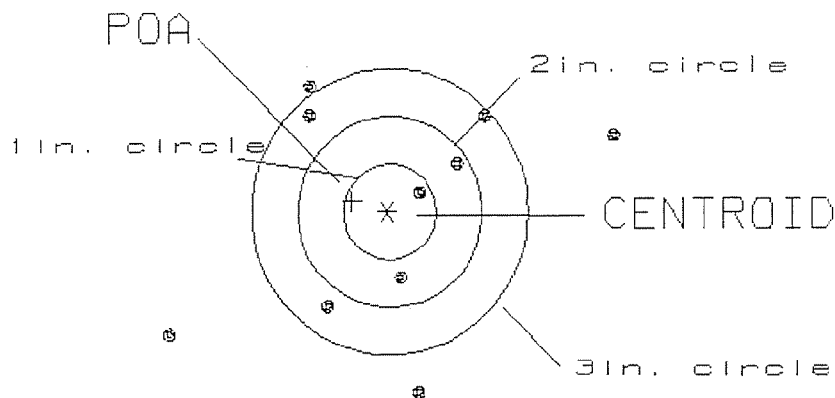
3

PATTERN #: C 2 E
 POA TO CENTROID: .395
 MIN RADIUS : .331
 MEAN RADIUS : 1.468
 MAX RADIUS : 2.731
 CENTROID X : .379
 CENTROID Y : -.112

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CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.81

1

VS= 3.21

3

GS= 5.24

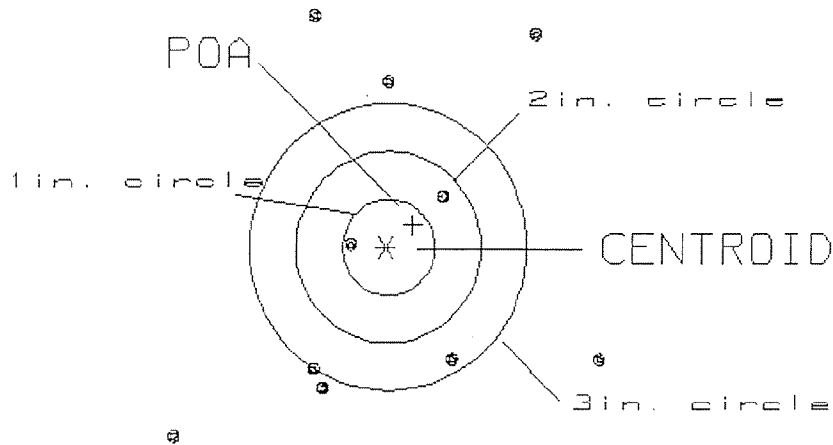
6

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .371
 MIN RADIUS : .435
 MEAN RADIUS : 1.848
 MAX RADIUS : 3.049
 CENTROID X : -.291
 CENTROID Y : -.231

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.64
 VS= 4.40
 GS= 5.74

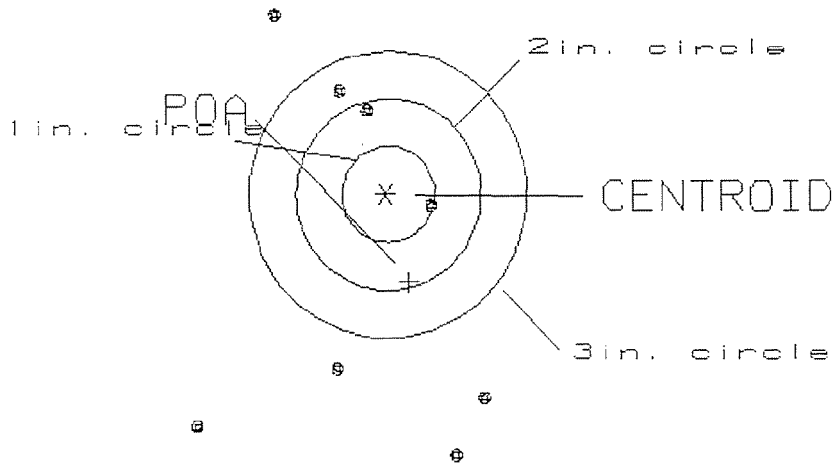
1
 2
 3

PATTERN #: 4
 POA TO CENTROID: .954
 MIN RADIUS : .465
 MEAN RADIUS : 2.108
 MAX RADIUS : 3.180
 CENTROID X : -.259
 CENTROID Y : .919

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.27
 VS= 5.53
 GS= 6.17

1
 2
 3

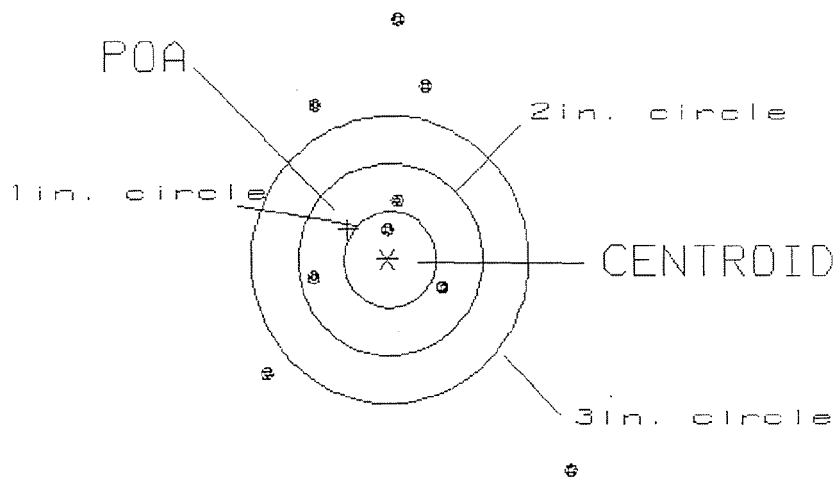
PATTERN #: 5

POA TO CENTROID: .528
 MIN RADIUS : .347
 MEAN RADIUS : 1.647
 MAX RADIUS : 3.126
 CENTROID X : .426
 CENTROID Y : -.312

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CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.30
 VS= 5.60
 GS= 5.60

1
 4
 4