

G-6414363
Raphano
C-622524)

Repair Inquiry

Repair Number: RE00092946

Serial: C622524 Model: M24 SWS CenterFire
Caliber: 7.62 NATO Produced: 11/26/1988

Repairman:

Status:

Closed 2/10/2005 1:14:29 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

EFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc.	Qty
A007	With Stud	3
A010	Hard Case	1
A012	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

negate

2/14/2005

9:18 AM

CAPS

NUM

MIS

ECPL

start

5

2

4

Arms Service

Serial Number:

C6225241

Model: M24 SWS



RE00092946

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414363.__0
FILE DATE AND TIME: 06/15/2005 06:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.213
The Average Y Centroid of the Five Target Set:	-0.114
The Average Point of Impact of the Five Target Set:	0.241
The Average Mean Radius of the Five Target Set:	1.036
The Distance from POA to Centroid Target #1:	0.464
The Distance from Centroid Target #2 to Centroid Target #1:	0.132
The Distance from Centroid Target #3 to Centroid Target #1:	0.447
The Distance from Centroid Target #4 to Centroid Target #1:	0.621
The Distance from Centroid Target #5 to Centroid Target #1:	0.194

SERIAL NUMBER: G6414363. 0

TARGET NUMBER: 1

FILE DATE: 06/15/2005

FILE TIME: 06:59

X CENTROID: -0.463

Y CENTROID: -0.035

POA TO CENTROID: 0.464

HORZ SPREAD: 3.008

VERT SPREAD: 3.341

GROUP SPREAD: 3.878

MIN RADIUS: 0.441

MAX RADIUS: 2.175

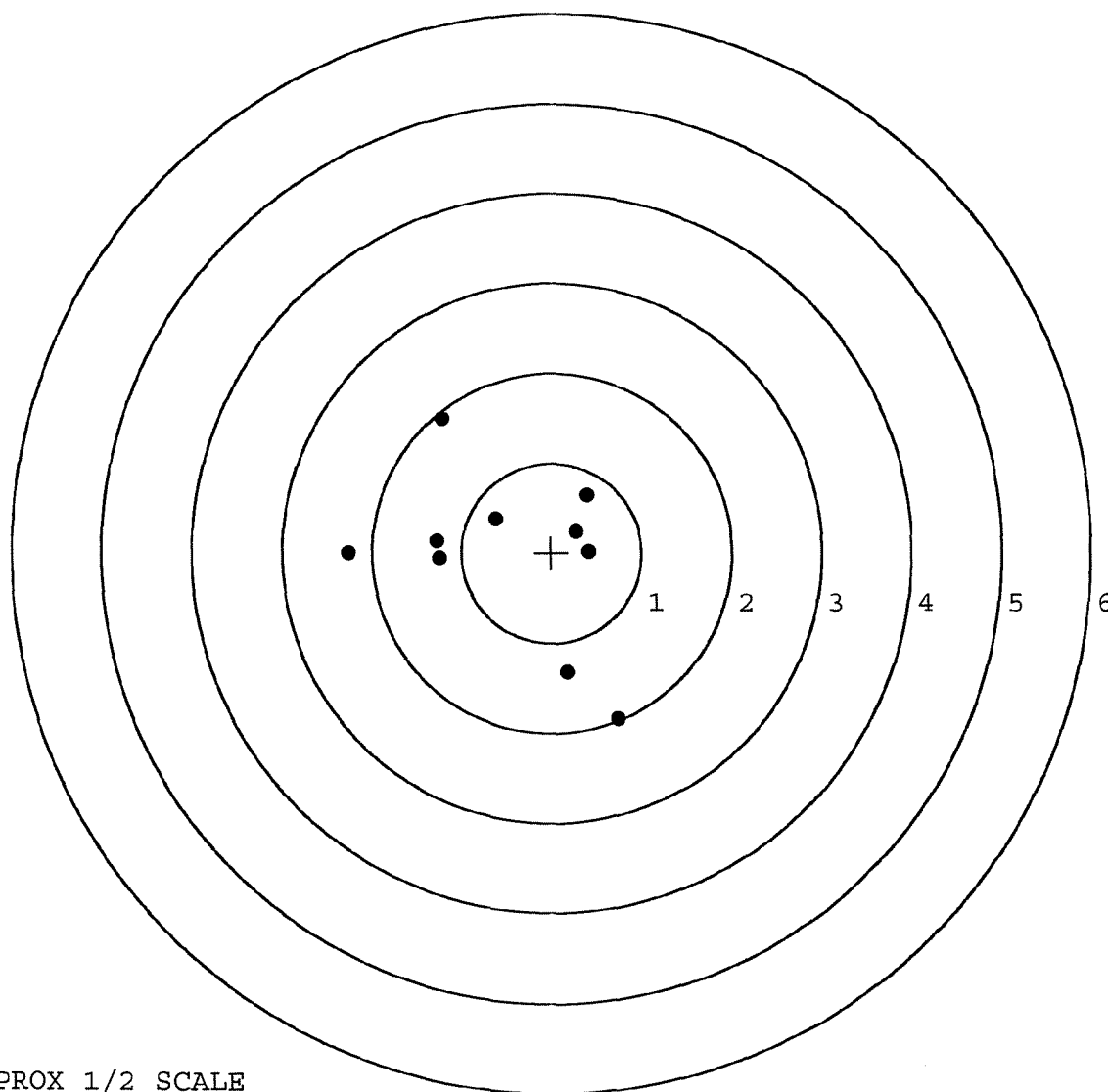
MEAN RADIUS: 1.196

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.623	0.376
2:	-1.279	0.134
3:	-1.253	-0.065
4:	-2.266	-0.013
5:	-1.226	1.496
6:	0.419	0.018
7:	0.273	0.236
8:	0.183	-1.328
9:	0.742	-1.845
10:	0.399	0.642



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414363. 0

TARGET NUMBER: 2

FILE DATE: 06/15/2005

FILE TIME: 06:59

X CENTROID: -0.392

Y CENTROID: -0.146

POA TO CENTROID: 0.419

HORZ SPREAD: 2.086

VERT SPREAD: 3.228

GROUP SPREAD: 3.533

MIN RADIUS: 0.384

MAX RADIUS: 2.004

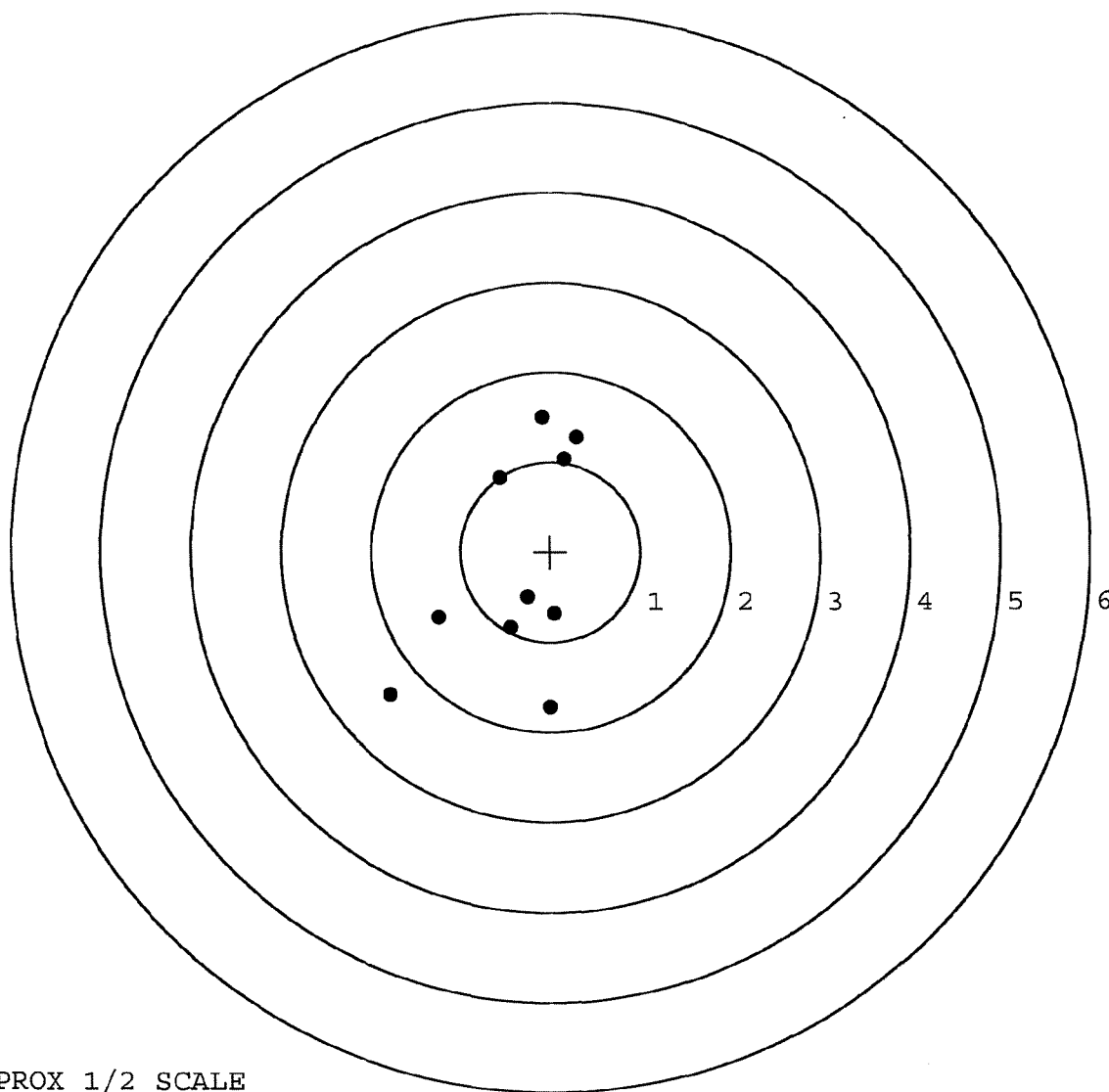
MEAN RADIUS: 1.198

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.296	1.269
2:	0.158	1.027
3:	-0.096	1.497
4:	-0.560	0.824
5:	0.044	-0.687
6:	-0.257	-0.506
7:	-1.253	-0.732
8:	-1.790	-1.582
9:	-0.013	-1.731
10:	-0.451	-0.843



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414363. 0

TARGET NUMBER: 3

FILE DATE: 06/15/2005

FILE TIME: 06:59

X CENTROID: -0.056

Y CENTROID: -0.219

POA TO CENTROID: 0.226

HORZ SPREAD: 1.611

VERT SPREAD: 1.895

GROUP SPREAD: 2.247

MIN RADIUS: 0.366

MAX RADIUS: 1.401

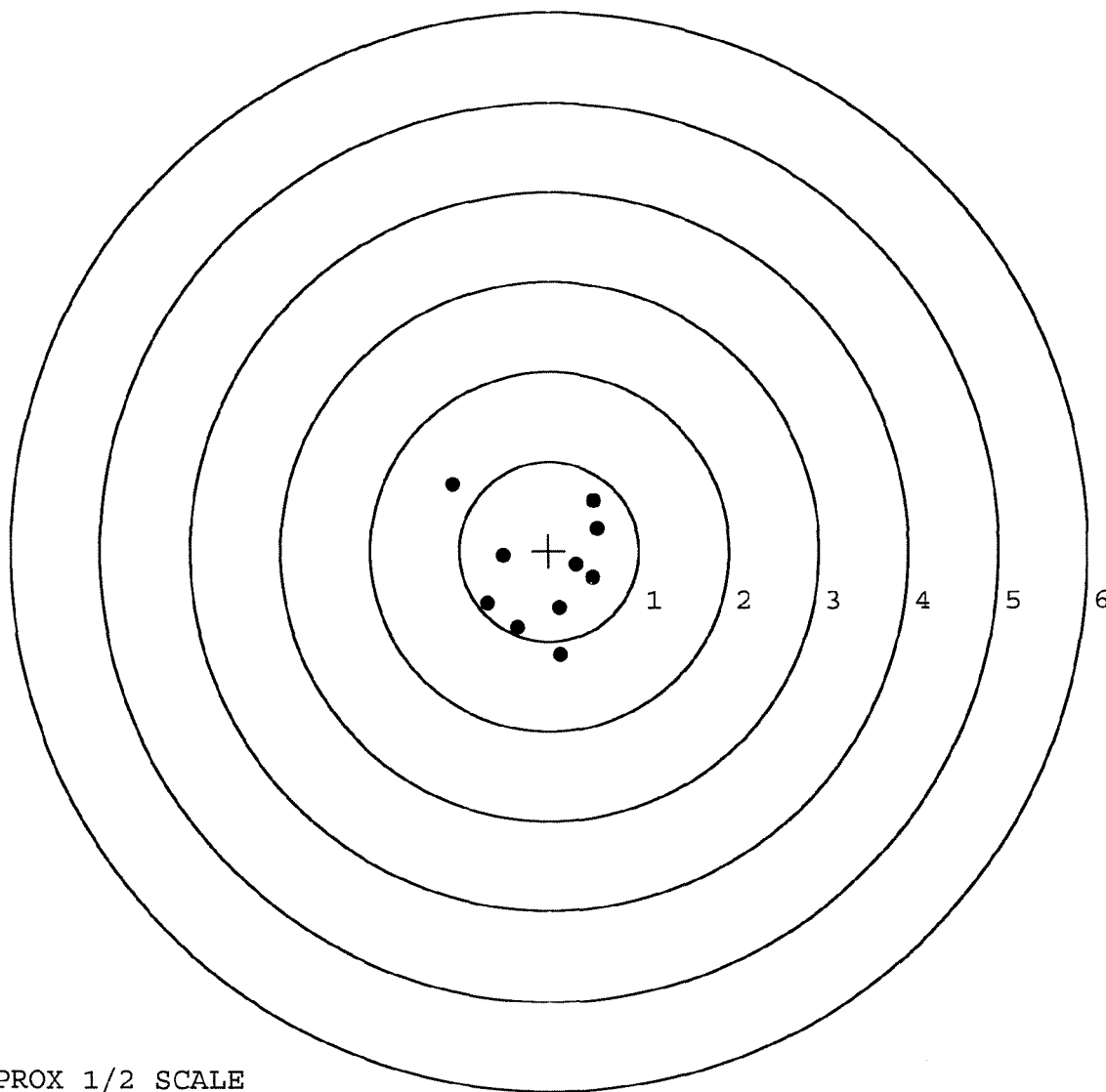
MEAN RADIUS: 0.735

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.076	0.741
2:	-0.509	-0.056
3:	-0.690	-0.583
4:	-0.355	-0.856
5:	0.131	-1.154
6:	0.118	-0.640
7:	0.487	-0.298
8:	0.305	-0.156
9:	0.535	0.250
10:	0.495	0.564



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414363. 0

TARGET NUMBER: 4

FILE DATE: 06/15/2005

FILE TIME: 06:59

X CENTROID: 0.158

Y CENTROID: -0.017

POA TO CENTROID: 0.159

HORZ SPREAD: 2.964

VERT SPREAD: 2.706

GROUP SPREAD: 2.967

MIN RADIUS: 0.500

MAX RADIUS: 1.756

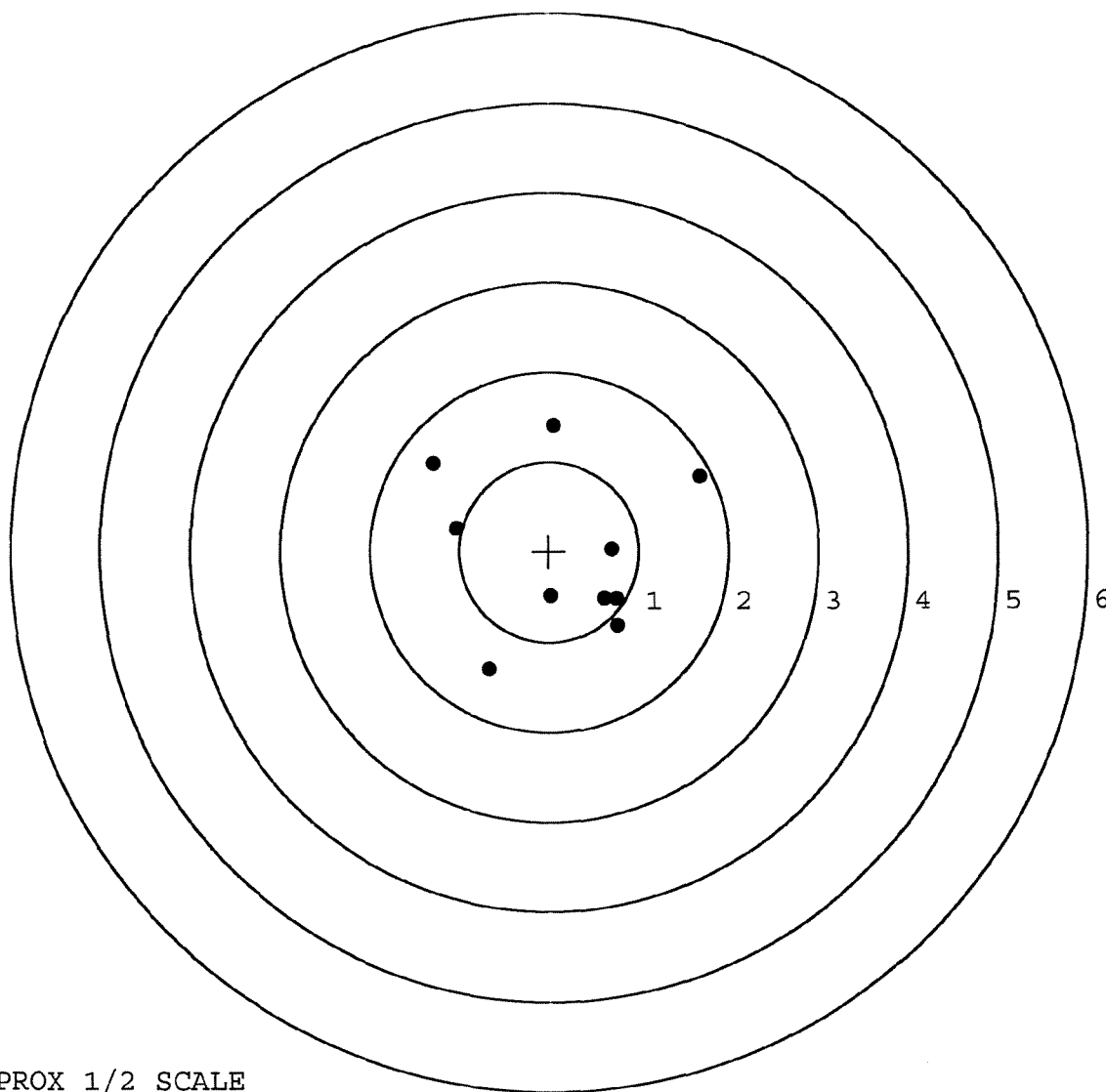
MEAN RADIUS: 1.119

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.703	0.023
2:	0.747	-0.529
3:	0.756	-0.823
4:	0.019	-0.497
5:	-0.671	-1.303
6:	-1.037	0.258
7:	-1.287	0.981
8:	0.058	1.403
9:	1.677	0.837
10:	0.614	-0.521



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414363. __0

TARGET NUMBER: 5

FILE DATE: 06/15/2005

FILE TIME: 06:59

POINT#	X	Y
1:	-1.586	0.776
2:	-0.369	0.950
3:	-0.071	0.571
4:	0.029	0.349
5:	-0.278	-0.085
6:	-0.042	-0.435
7:	0.234	-0.660
8:	0.914	-0.295
9:	-0.765	-1.828
10:	-1.161	-0.873

X CENTROID: -0.309

Y CENTROID: -0.153

POA TO CENTROID: 0.345

HORZ SPREAD: 2.500

VERT SPREAD: 2.778

GROUP SPREAD: 2.806

MIN RADIUS: 0.075

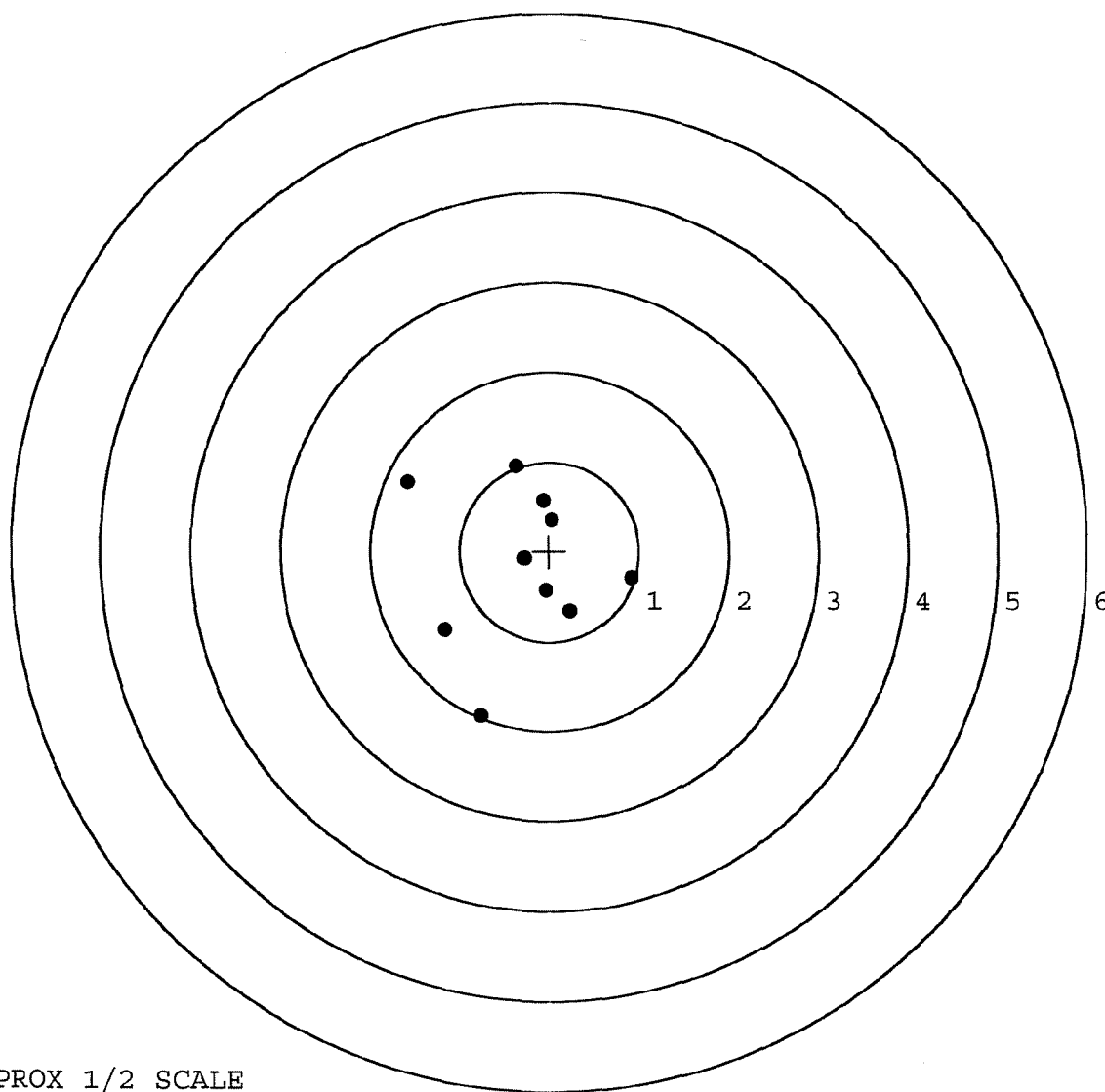
MAX RADIUS: 1.736

MEAN RADIUS: 0.934

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

R & E NUMBER	92946		
SERIAL NUMBER	C6225241	G6414363	(New)
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-26-05	RTZ
560 A	RE-BARREL	5-3-05	RTZ
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTZ
600	PROOF	5-4-05	AK
605	CHECK HEADSPACE	5-4-05	AK
610	DIS-ASSEMBLE GUN	5-6-05	RTZ
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	WJ
625 A	FINAL ASSEMBLY	6-10-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-15-05	AK
D	SAFETY "OFF" FORCE	6-15-05	AK
E	FIRING PIN INDENT	6-15-05	AK
640	TARGET	6-15-05	AK
655	FINAL INSPECT	6-15-05	AK
660	PACK	7-6-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225241

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 <i>RB</i>		7/24/89	WLB
620	Apply Coatings (Barrel Action)		7/25/89	TA
	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		7/27/89	JO

op. #	BARBER - M24 0150980 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/27/89	JO
	I) Firing Pin Indent							
	J) Assemble Stock						7/30/89	RW
	K) Assemble Swivel Studs						7/31/89	WB
	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						8/2/89	JS
	A) Headspace							
	B) Trigger Pull	2.52	2.41	2.41	2.41	2.40	8/2/89	JS
	C) Function						8/2/89	JS
660	Pack						8/3/89	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225241

DATE 27 July 89

TESTER J. Pul

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58		2.56	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56		2.50	2.41	
PULL #3	2.55		2.52	2.41	
PULL #4	2.55		2.48	2.41	
PULL #5	2.34		2.51	2.40	
TOTAL	12.78		12.57	12.15	
AVG.	2.556		2.514	2.43	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1				
PULL #2				
PULL #3				
PULL #4				
PULL #5				
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29			
PULL #2	4.28			
PULL #3	4.28			
PULL #4	4.28			
PULL #5	4.29			
TOTAL	21.72			
AVG.	4.284			

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225241*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY <i>2</i>	<i>26</i>	<i>FB</i>
600	PROOF <i>2</i>	<i>29</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>pfe.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>pfe.</i>
620	COATING	<i>8/11/87</i>	<i>JA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225241

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/6/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/6/88	RW
	C) Inspect Ejector Hole for Chamfer		9/6/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/6/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		6 Sept 88	JS
	F) Safety on Force	7 6.5 6	6 Sept 88	JS
	G) Safety off Force	3 3 3	6 Sept 88	JS
	H) Trigger Pull Test & Retainability		6 Sept 88	JS
	I) Firing Pin Indent	.022 .0225 .022	6 Sept 88	JS
	J) Assemble Stock		9/20/88	RW
	K) Assemble Swivel Studs		10-6-88	JS
	L) Attach Front & Rear Sight Assemblies		9/20/88	RW
	M) Iron Sight Alignment		9/20/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/20/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	JS
640	Gallery Target & Test	56 R 99L	10/3/88	W.B.
	A) Optical Clarity of Scope		10/3/88	W.B.
645	Inspect for Live Ammo		10/5/88	A.C.
655	Final Inspection		10-6-88	JS
	A) Headspace		10-6-88	JS
	B) Trigger Pull		10-6-88	JS
	C) Function		10-6-88	JS
660	Pack		10-21-88	JS

5081

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

SERIAL NO. C622524DATE 6 Sept 88TESTER G. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.52	2.69	2.82	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.51	2.68	2.81	
PULL #3	2.52	2.52	2.67	2.71	
PULL #4	2.54	2.46	2.61	2.82	
PULL #5	2.55	2.51	2.60	2.75	
TOTAL	12.66	12.52	13.25	13.91	
AVG.	2.532	2.504	2.65	2.78	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.15		
PULL #2	3.11	3.15		
PULL #3	3.14	3.15		
PULL #4	3.12	3.18		
PULL #5	3.11	3.18		
TOTAL	15.62	15.81		
AVG.	3.124	3.162		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.22		4.30
PULL #2	4.09	4.17		4.35
PULL #3	4.11	4.20		4.36
PULL #4	4.12	4.18		4.36
PULL #5	4.13	4.18		4.33
TOTAL	20.55	20.95		21.70
AVG.	4.11	4.19		4.34

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225241

CENTROIDAL DISTANCES

0 TO	1	2.17668
1 TO	2	.585703
1 TO	3	.888068
1 TO	4	1.18547
1 TO	5	.817641

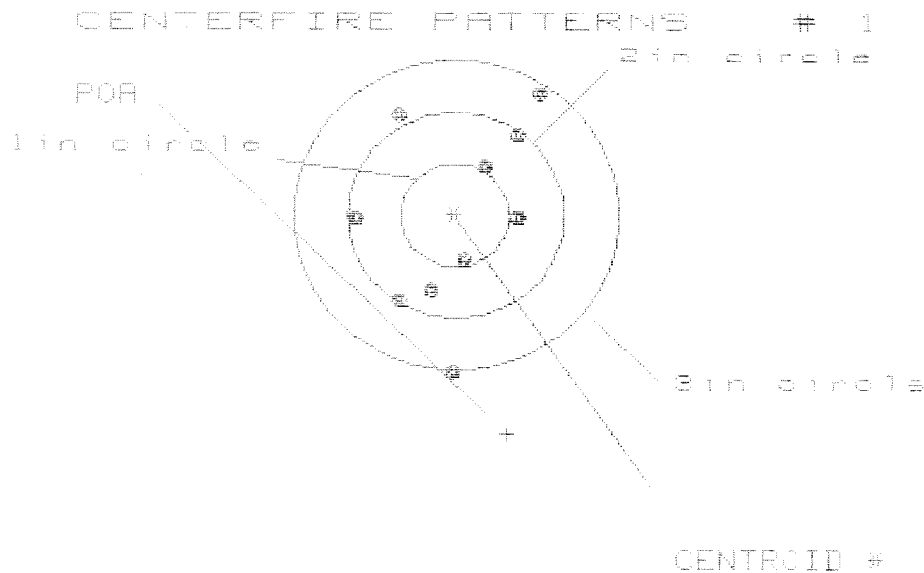
4
3
2 5
1

+ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -1.3242
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 2.7444
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 2.76348
THE AMR FOR THIS RIFLE IS: 1.627

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08285241



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

MEAN = 1.744

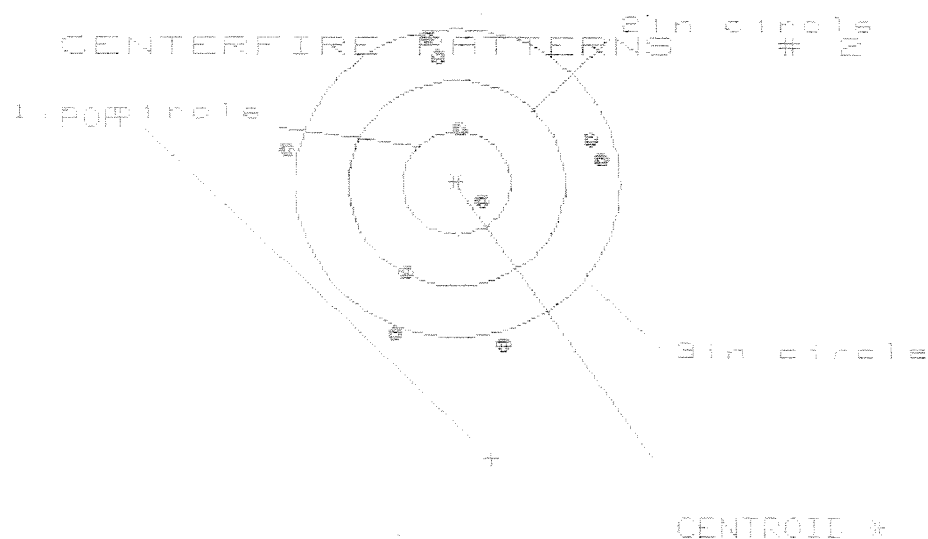
MS = 2.684

GS = 2.886

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.785	.781	.647
MINIMUM X	-.959	-.963	-.865
MAXIMUM Y	1.206	1.042	.953
MINIMUM Y	-1.478	-.961	-.831
CENTROID X	-.476	-.472	-.570
CENTROID Y	2.124	2.288	2.158
POA TO CENTROID in.	2.177	2.336	2.232
MIN RADIUS	.446	.436	.435
MEAN RADIUS	.918	.854	.788
MAX RADIUS	1.478	1.302	1.038
HORIZONTAL SPREAD	1.744	1.744	1.512
VERTICAL SPREAD	2.684	2.603	1.784
EXTREME SPREAD	2.886	2.384	1.919
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/0822524)



* OF SHOTS = 10

IN CIR

1.00 = 2

2.00 = 3

3.00 = 7

MEAN = 2.888

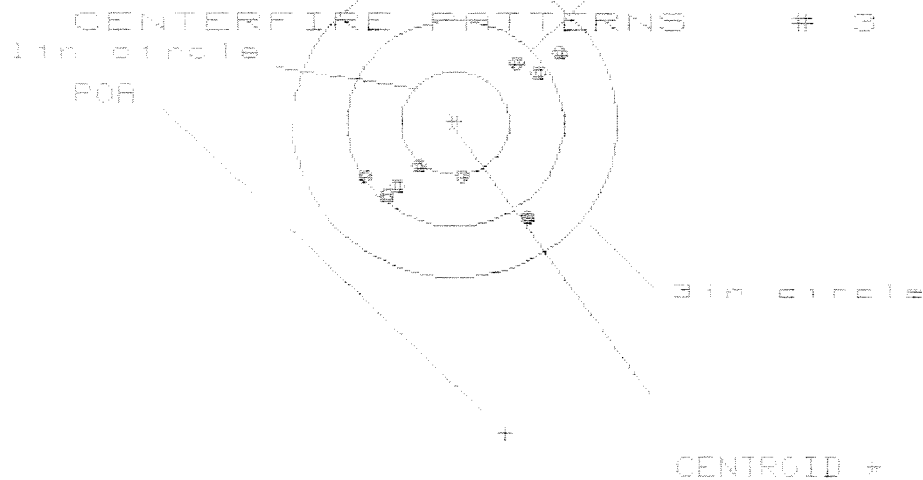
VGE = 2.967

GSE = 2.955

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.329	1.376	1.185
MINIMUM X	-1.571	-1.524	-1.700
MAXIMUM Y	1.407	1.234	1.251
MINIMUM Y	-1.560	-1.635	-1.610
CENTROID X	-0.328	-0.375	-0.184
CENTROID Y	2.670	2.843	2.826
POA TO CENTROID in.	2.690	2.968	2.832
MIN RADIUS	.276	.313	.367
MEAN RADIUS	1.177	1.114	1.044
MAX RADIUS	1.617	1.713	1.763
HORIZONTAL SPREAD	2.900	2.900	1.885
VERTICAL SPREAD	2.967	2.869	2.869
EXTREME SPREAD	3.056	2.900	2.880
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/C8225241



OF SHOTS = 10

IN CIR

1in = 0

2in = 7

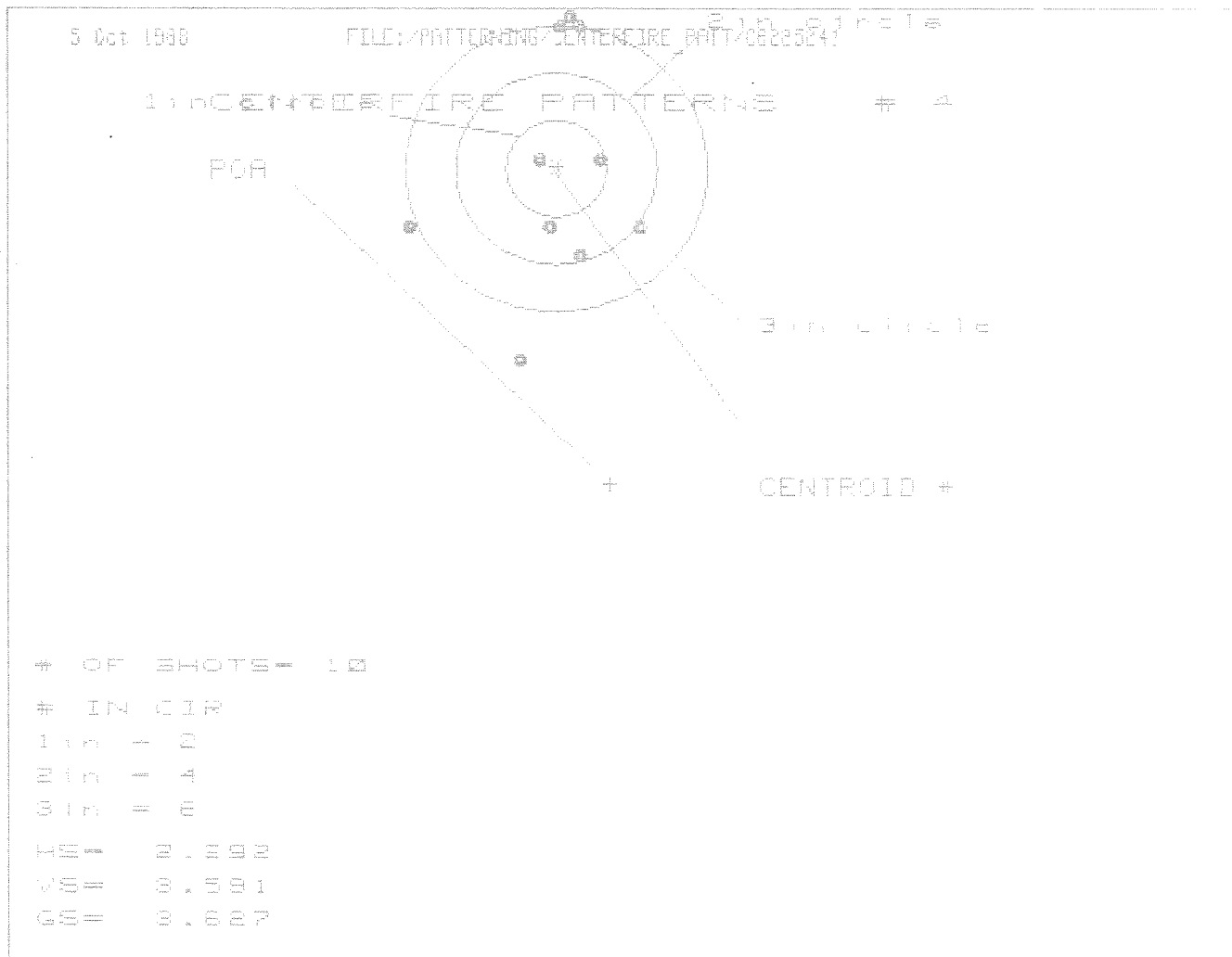
3in = 9

MEAN = 1.887

STD = 2.756

COV = 3.147

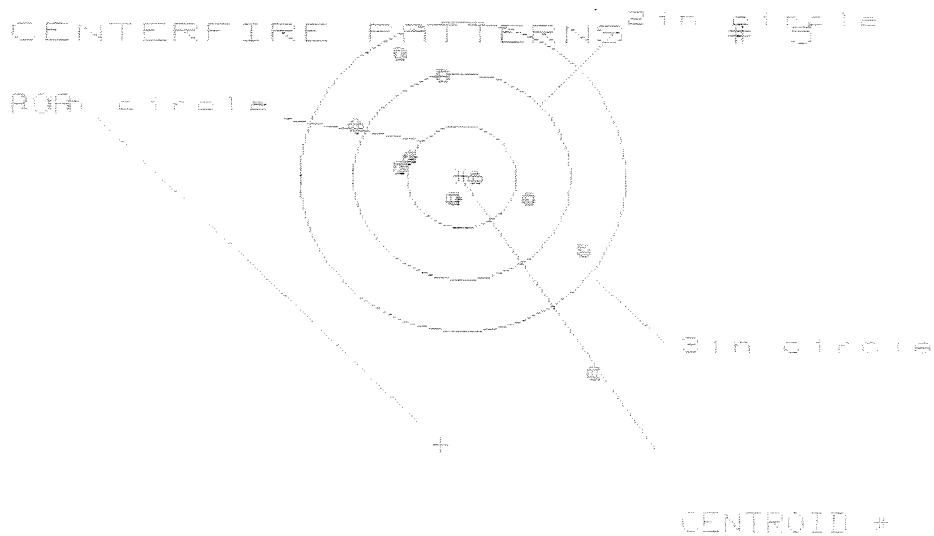
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.887	.915	.829
MINIMUM X	-.830	-.913	-.799
MAXIMUM Y	1.872	.901	.891
MINIMUM Y	-.884	-.676	-.564
CENTROID X	-.465	-.373	-.487
CENTROID Y	3.012	2.804	2.692
POI TO CENTROID in.	3.048	2.829	2.736
MIN RADIUS	.528	.309	.237
MEAN RADIUS	.993	.830	.729
MAX RADIUS	2.047	1.284	1.176
HORIZONTAL SPREAD	1.837	1.828	1.824
VERTICAL SPREAD	2.756	1.577	1.455
EXTREME SPREAD	3.147	2.205	1.938
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	6
MAXIMUM X	.962	.820	.831
MINIMUM X	-1.400	-1.472	-1.461
MAXIMUM Y	1.554	1.328	1.447
MINIMUM Y	-2.037	-1.896	-1.938
CENTROID X	-.535	-.493	-.504
CENTROID Y	3.388	3.534	3.368
POA TO CENTROID (in.)	3.351	3.568	3.406
MIN RADIUS	.186	.236	.192
MEAN RADIUS	1.139	1.038	.972
MAX RADIUS	2.071	1.686	1.601
HORIZONTAL SPREAD	2.292	2.292	2.292
VERTICAL SPREAD	3.591	2.424	2.377
EXTREME SPREAD	3.627	2.685	2.585
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	6	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/09225241



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

TS= 2.221

VS= 3.052

CS= 3.562

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.213	1.235	1.173
MINIMUM X	-1.008	-1.873	-1.935
MAXIMUM Y	1.151	.940	.899
MINIMUM Y	-1.901	-1.902	-1.784
CENTROID X	.133	.048	.110
CENTROID Y	2.688	2.819	2.701
POA TO CENTROID in.	2.614	2.819	2.703
MIN RADIUS	.137	.323	.216
MEAN RADIUS	.909	.744	.689
MAX RADIUS	2.255	1.529	1.411
HORIZONTAL SPREAD	2.221	2.108	2.108
VERTICAL SPREAD	3.052	1.842	1.683
EXTREME SPREAD	3.562	2.523	2.433
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

M 24 SNIPER RIFLE

INITIAL CUSTOMER ORDER NO.

LCS

DATE RECEIVED

11/08/90

DATE OPENED

11/09/90

DATE CODE

KI 5-88

SERIAL NUMBER

C6225241

MODEL AND GRADE

700

7.62

ORDER

R 90-29473

ACCESSORIES

W/STUDS

W/SWIVELS

SCOPE BASE

L/SIGHTS

FROM:

WEAPONS POOL BRANCH
MAINT. DIV. DOL
BLDG 9106
FORT BENNING GA 31905

SHIP TO:

WEAPONS POOL BRANCH
MAINT. DIV. DOL
BLDG 9106
FORT BENNING GA
31905

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

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

MAIN FAULT

- Repowder Coated

- Replaced Baet (old one Max Hecker)

Replace Stock Assembly

PARTS

DAAA 21-87-C-0001-0014

RAC0007

12/12/90

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

DH

12-3-90

12-3-90

12-3-90

12-3-90

12-3-90

OFFICE COPY

RD6925 REV. 7/90

PD AUTHENTICATION

Levythage

c. UNIT IDENT CODE
W04 255

6. NATIONAL STOCK NUMBER
1005-01-240-2136

13. STARTS

4

15. FIRST INDICATION OF TROUBLE (Select one - use $\checkmark$ or X)

☐ 790 Out of Adjustment
☐ Other

PAINT PEELING OFF BARREL STOCK WEARING FIBERS

THROUGH

19. AMS ACCOUNT CODE	
----------------------	--

1 TOE 2 TD 3 CONTRACTOR

PARTS COST

CODE	REF DESIGNATOR	MFR CODE	QTY	DESCRIPTION	UNIT	REMARKS
				Replacement Piston (old one was War Head)		
				Replacement Stick Assembly		

22. ☐ DATA TRANSCRIBED

27. ACCEPTED BY

JULIAN DATE

☐ A To User ☐ C Salvaged
☐ B To Stock ☐ D Evacuated
☐ E Cannibalization

BARBER - M24 0150995

COMMENTS

SNIPER M-24 W/10X LEUFOLD SCOPE

INITIAL JUN		CUSTOMER ORDER NO.				
DATE RECEIVED 08/08/90	DATE OPENED 08/16/90	DATE CODE	SERIAL NUMBER C6225241	MODEL AND GRADE 7.65 NATO	ORDER 90-22045	
ACCESSORIES SLING STRAP		W/STUDS		W/SWIVELS HARD CASE		

FROM:

MAINTNANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 31905-5173

SHIP TO:

MAINTANCE DIVISION USAID
ATTN ATZB-DL-MA-R
BLDG 226
FORT BENNING G

GA
31905-5173

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

[illegible]

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

GUN CONDITION:

NEW

☐ SLIGHTLY WORN☐ VERY WORN☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

PARTS

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

RD6925 REV. 6/88

WITH GUN

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0150993 51034

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 03	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION Weapons Pool Br MAINT DIV, DOL		B. LOCATION Bldg 9106 Ft. Benning, Ga 31905		C. UNIT IDENT CODE W04255	
2. SERIAL NO. C6225241		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO. R95387		5. MODEL M24	
6. NATIONAL STOCK NUMBER 1005-01-240-2136							
7A. MAINTENANCE ACTIVITY		B. LEVEL H		8. UTILIZATION CODE Q		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				☐ 068 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). Paint Peeling off Barrel, Stock wearing Fibers Through							
B. REMARKS Reconditioning Not Done - Rifle Checked & Repaired for Function Only - Remington Arms Co J. J. Hill							
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 J. J. Hill		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		JULIAN DATE		JULIAN DATE		JULIAN DATE	

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0150997

COMMENTS

ORDER

R92-17129

INITIAL FPS	CUSTOMER ORDER NO.		M-24 W/ULTRA 10X-M3 SCOPE, ADJUSTABLE RECOIL PAD			
DATE RECEIVED 08/26/92	DATE OPENED 08/26/92	DATE CODE KI 5-88	SERIAL NUMBER C6225241	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	SWS/NATO
ACCESSORIES SLING STRAP W/STUDS		W/SWIVELS		HARD CASE	SCOPE MNTS	
W/SCOPE BASE						

FROM:	SHIP TO:
CONSOLIDATED EQUIP POOL ATTN TERRY MAJORS FT BENNING GA 31905	CONSOLIDATED EQUIP POOL ATTN TERRY MAJORS FT BENNING GA 31905

CUST NO: 059697 C.O.L.D L

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

GUN CONDITION ☐ NEW ☐ LIGHTLY WORN ☐ WORN ☐ VERY WORN ☐ UNREPAIRABLE ☐ MARRED	092292 USPS RAC0006 62 LB 15.0 OZ BASE CHG \$ 41.450 N SPC FEES \$ 5.50 TOTAL CHARGES \$ 46.950	
	REPAIR CHARGE	
	EXCISE	
	TAX	
	INSURANCE	
	UPS PRIORITY	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECTION
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 Gun Fired With Bore Obstructed

PARTS	REPLACE BARREL	COMMENTS
"	FRONT SIGHT BASE	
"	FRONT SIGHT	
REPAIR	REAR SIGHT	
REPAIRMAN		PROOF
GALLERY TESTER		DATE
CLEAN	TEST	TARGET
DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0150997 51036

DOC IDENT		R FROM		M 3 S		STOCK NUMBER		QUANTITY		DOCUMENT NUMBER		SUPPLEMENTARY ADDRESS		FUND		DISTRIBUTION		PROJECT		PRIORITY		REQ'D DEL DATE		A/C		R		UNIT PRICE													
FSC		NIN		ADD		REQUISITIONER		DATE		SERIAL		CMBBAN MGZ																DOLLARS		CTS											
A5Z, AWL		1005-01-240-2136		EA00001		W33BQ9		2231		0102																		F		5145,00											
SHIPPED FROM Supply & Services Division WHSE 224 Fort Benning, GA 31905										SHIP TO Remington Arms Co Inc ATTN: Custom Shop 14 Hoefer Ave Billion, NY 13357										MARK FOR PROJECT #2										TOTAL PRICE DOLLARS										CTS	
WAREHOUSE LOCATION L KAAI										TYPE OF CARGO G		UNIT PACK H		UNIT WEIGHT I		UNIT CUBE J		UFC K		NMFC L		FREIGHT RATE M		DOCUMENT DATE N		MAT COND F		QUANTITY 1		R		S									
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED) T										FREIGHT CLASSIFICATION NOMENCLATURE U Rifle 7.62 MM M24 (Sniper)										SN: C6225241																					
W										X										Y																					
SELECTED BY AND DATE AT 2232				TYPE OF CONTAINER(S) Box Container				TOTAL WEIGHT 59				RECEIVED BY AND DATE				INSPECTED BY AND DATE																									
PACKED BY AND DATE AT 2233				NO OF CONTAINER(S) 1				TOTAL CUBE 32.5				WAREHOUSED BY AND DATE				WAREHOUSE LOCATION																									
REMARKS SHIP U S REGISTERED RETURN RECEIPT REQUESTED										ORIGINAL										1																					
FIRST DESTINATION ADDRESS										DATE SHIPPED										AUG 19 1992																					
13 TRANSPORTATION CHARGEABLE TO										14 BLADING, AWS, OR RECEIVER'S SIGNATURE (AND DATE)										15 RECEIVER'S DOCUMENT NUMBER																					

DD Form 1348-1 SEP 87

Jun 86 edition may be used.

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

Dim: 17.5 x 50 x 13.0

PREPARED 19 AUG 92

DODSASP SHIPMENT LISTING

PCN AHA-091

SHIPPED TO: CMBBAN SHIPPED FROM: W338Q9

DIC	RIC	TRANS CODE	STOCK NUMBER	DOCUMENT NUMBER	SHIPPED TO	SHIPPED FROM	SERIAL NUMBER	TRANS DATE
DSM	B14	S	1005012402136	W338Q922310102	CMBBAN	W338Q9	000C6225241	92232

TOTAL NUMBER SHIPPED 1

END PAGE 1

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG PD 03		PD AUTHENTICATION <i>Lenny Dwyer</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Consolid Equip Pool</i>		B. LOCATION <i>Ft. Benning Gg 31905</i>		C. UNIT IDENT CODE <i>W04255</i>			
2. SERIAL NO. <i>C6225241</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO.		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
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					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 006 Noisy ☐ 367 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>Repair See DA Form 2404</i>									
B. REMARKS									
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 <i>[Signature]</i>		24. RECEIVED BY							
JULIAN DATE		JULIAN DATE							

MAINTENANCE REQUEST					PAGE NO. 1	NO OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
SECTION I - EQUIPMENT DATA								
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD 03	PD AUTHENTICATION <i>Levyedman</i>		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Consolid Equip Pool</i>		B. LOCATION <i>Ft. Benning Gg 31905</i>		C. UNIT IDENT CODE <i>W04255</i>		
2. SERIAL NO. <i>C6225241</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO.	5. MODEL <i>1124</i>	6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS
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				☐ 068 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>Repair See DA Form 2404</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)		19. AMS ACCT. CODE
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	G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE				
								\$
								\$
								\$
								\$
								\$
								\$
								\$
								\$
								\$
								\$
								\$
				I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$		
21. DELAY (Select One)				22. Data Transcribed				
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools								
23. SUBMITTED BY <i>[Signature]</i>	24. RECEIVED BY	25. WORK STARTED BY		26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION (Select One)		
JULIAN DATE	JULIAN DATE	JULIAN DATE		JULIAN DATE	JULIAN DATE	☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged		

[illegible]

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225241
21 Sep 1992

CENTROIDAL DISTANCES

0 TO 1 .304201
1 TO 2 .228238
1 TO 3 .711585
1 TO 4 .430601
1 TO 5 .774868

1748 ←---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0506
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .136399
THE AMR FOR THIS RIFLE IS: 1.037

21 Sep 1992

FILE: PATTERNING/CENTERFIRE_PATT/08225243

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.710

VS = 2.305

CS = 2.293

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.344	1.192	1.062
MINIMUM X	-1.366	-1.173	-1.024
MAXIMUM Y	1.173	1.070	1.175
MINIMUM Y	-1.132	-1.235	-1.130
CENTROID X	-1.303	-1.151	-1.300
CENTROID Y	1.027	1.130	1.025
POA TO CENTROID in.	1.364	1.200	1.061
MIN RADIUS	1.438	1.525	1.439
MEAN RADIUS	1.086	1.034	1.046
MAX RADIUS	1.658	1.459	1.461
HORIZONTAL SPREAD	2.710	2.365	2.086
VERTICAL SPREAD	2.305	2.385	2.385
EXTREME SPREAD	3.293	2.852	2.740
NUMBER IN ONE INCH CIRCLE	2	2	2
NUMBER IN TWO INCH CIRCLE	4	4	4
NUMBER IN THREE INCH CIRCLE	8	8	8

21 Sep 1992

FILE:/PATTERNING/CENTERFIRE_PATT/08225241

CENTERFIRE PATTERNS # 2

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS = 1.922

VS = 2.415

GS = 2.423

CENTROID *

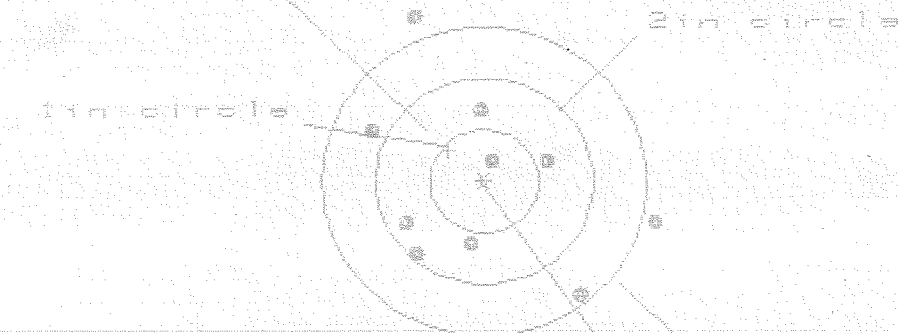
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.093	1.210	1.255
MINIMUM X	-0.829	-0.712	-0.667
MAXIMUM Y	1.353	1.452	1.841
MINIMUM Y	-1.062	-0.963	-0.782
CENTROID X	-0.081	-0.198	-0.243
CENTROID Y	0.080	0.019	0.200
FOR TO CENTROID in.	0.114	0.199	0.315
MIN RADIUS	0.561	0.410	0.250
MEAN RADIUS	0.955	0.870	0.749
MAX RADIUS	1.378	1.495	1.263
HORIZONTAL SPREAD	1.922	1.922	1.922
VERTICAL SPREAD	2.415	2.415	1.623
EXTREME SPREAD	2.423	2.423	1.935
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	10	

21 Sep 1992

FILE: /PATTERNING/CENTERFIRE PATT/08225241

CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 8

HS = 2.548

VS = 2.670

GS = 3.080

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.523	1.453	1.015
MINIMUM X	-1.025	-1.095	-.914
MAXIMUM Y	1.595	.858	.830
MINIMUM Y	-1.075	-.898	-.926
CENTROID X	-.329	.399	.218
CENTROID Y	-.300	-.478	-.450
POA TO CENTROID in.	.446	.623	.500
MIN RADIUS	.175	.332	.360
MEAN RADIUS	.960	.876	.782
MAX RADIUS	1.715	1.469	1.374
HORIZONTAL SPREAD	2.548	2.548	1.929
VERTICAL SPREAD	2.670	1.756	1.756
EXTREME SPREAD	3.080	2.693	2.475
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

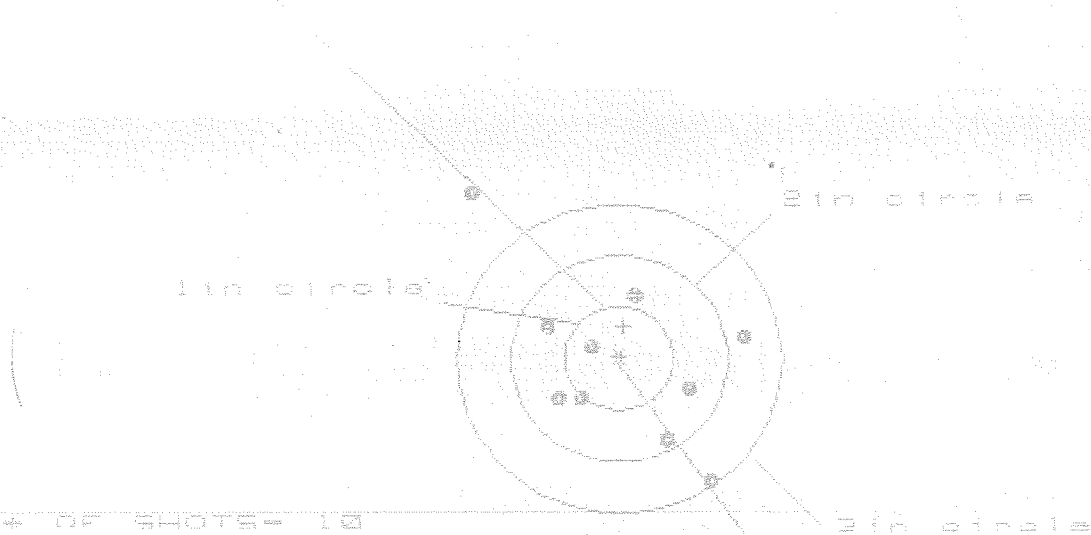
21 Sep 1997

FILE:/PATTERNING/CENTERFIRE_PATT-08225241

CENTERFIRE PATTERNS

4

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

AS = 2.498

VS = 2.894

GS = 3.629

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.112	.958	1.040
MINIMUM X	-1.386	-.791	-.710
MAXIMUM Y	1.662	.823	.693
MINIMUM Y	-1.232	-1.048	-.700
CENTROID X	-.044	.110	.029
CENTROID Y	-.317	-.501	-.370
POA TO CENTROID in.	.320	.513	.372
MIN RADIUS	.255	.486	.344
MEAN RADIUS	.905	.761	.583
MAX RADIUS	2.164	1.233	1.075
HORIZONTAL SPREAD	2.498	1.749	1.749
VERTICAL SPREAD	2.894	1.871	1.393
EXTREME SPREAD	3.629	2.124	1.752
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

21 Sep 1982

FILE: PATTERNING/CENTERFIRE_PATT/0025241

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID +

+ OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 7

XBAR = 2.462

YBAR = 3.681

SSE = 3.900

PATTERN #

5

SHOTS BEST OF	10	9	8
MAXIMUM X	1.334	1.333	1.442
MINIMUM X	-1.127	-1.129	-1.963
MAXIMUM Y	2.363	1.192	1.063
MINIMUM Y	-1.318	-1.056	-1.185
CENTROID X	.352	.353	.186
CENTROID Y	-.397	-.649	-.520
POA TO CENTROID in.	.523	.739	.652
MIN RADIUS	.452	.516	.590
MEAN RADIUS	1.277	1.152	1.005
MAX RADIUS	2.363	1.687	1.474
HORIZONTAL SPREAD	2.462	2.462	2.404
VERTICAL SPREAD	3.681	2.248	2.248
EXTREME SPREAD	3.900	3.319	2.708
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-06902

INITIAL FPS	CUSTOMER ORDER NO.		M24 W/ULTRA 10X-M3A SCOPE & DEPLOYMENT KIT			
DATE RECEIVED 02/24/95	DATE OPENED 02/24/95	DATE CODE DM 9-92	SERIAL NUMBER C6225241	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES SLING STRAP W/STUDS		W/SWIVELS		SCOPE MNTS	SCOPE BASE	
W/HARD CASE						

FROM:

SHIP TO:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

CUST NO: 080509 C.O.D L

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

W52409 5082 H227

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.	Bolt Extractor	worn	IN/op	E2	F2	Firing pin worn + IN/op
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 Chest - Trigger Guard
Firing pin Assy - 96007	Assy Front & Rear Sight Bases
	Re-zinc - Scope Base, Rings,
	Swivels & Swivel Studs
	Trigger Adjusted outside of Factory
	Scope Sent Back to Factory
	to be Re-calibrated
REPAIRMAN	PROOF
CLEAN	TEST
TARGET	PATTERN
GALLERY TESTER	DATE
DATE	DATE
DATE	DATE
DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 043400151049

[illegible]

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 03		PD AUTHENTICATION <i>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION CONSO 1 Equip Pool.			B. LOCATION Ft. Benning G9 31905			C. UNIT IDENT CODE W04255		
2. SERIAL NO. C6225241		3. NOUN NOMENCLATURE Rifle Sniper			4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM
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		☐ 068 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). See ATTACHED DA Form 2404										
B. REMARKS POC MR. MAJORS, 706-544-3455										
SECTION II - WORK ACCOMPLISHED										
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT. CODE		
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	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE						
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$			
21. DELAY (Select One)					22. Data Transcribed					
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools										
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		
28. DISPOSITION (Select One)										
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged										

#5

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION Dco 7/29 INF. U.S. ARMY SNIPER SCHOOL					2. NOMENCLATURE AND MODEL 7.62MM M24 SNIPER WEAPON SYSTEM				
3. REGISTRATION/SERIAL/NSN C6225241		4a. MILES	b. HOURS	c. ROUNDS FIRED 6,548	d. HOT STARTS	5. DATE 18 MAY 94		6. TYPE INSPECTION PMCS	
7. APPLICABLE REFERENCE									
TM NUMBER 9-1005-306-10			TM DATE FEB 89		TM NUMBER			TM DATE	
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.				
STATUS SYMBOLS									
"X"-Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-" -Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL ("/)" -Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists. FOR AIRCRAFT-Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME		10. MANHOURS REQUIRED
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
1	/	SPARE FIRING PIN IS WORN $\frac{1}{3}$ IN/OP.							
1	/	IRON SIGHT WINDAGE KNOB IN/OP							
1	X	(M) TM 9-1005-306-10							
2	X	BULLET DROP COMPENSATOR ON M3A IS NOT CALIBRATED							
2	X	WEAPON NEEDS A NEW BARREL (6,548 RND)							
5	X	BOLT EXTRACTOR IN/OP							

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

BARBER - M24 0151814 51053

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225241

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/1/95	Rw
600	Proof		3/1/95	Rw
607	Check Headspace		3/1/95	Rw
610	Dis-assemble Gun		3/1/95	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		3/18/95	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/18/95	Rw
	C) Inspect Ejector Hole for Chamfer		3/18/95	Rw
	D) Oil Firing Pin Ass'y		3/18/95	Rw
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0151016 OP. NAME	READINGS			DATE	INJT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.021	.023	.023	3/18/95	RW
	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				3/21/95	RW
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				3/21/95	RW
655	Final Inspection					
	A) Headspace				3/22/95	RW
	B) Trigger Pull					
	C) Function				3/22/95	RW
660	Pack					

Final Inspection

Sn: C622524/

DATE REC'D: 2/24/95

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☒ Scope Case☒ Iron SIGHTS☒ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SETComments: Trigger Adjusted
outside of Factory.

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225241
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.55733
1 TO	2	.17573
1 TO	3	.30632
1 TO	4	.760466
1 TO	5	.657742

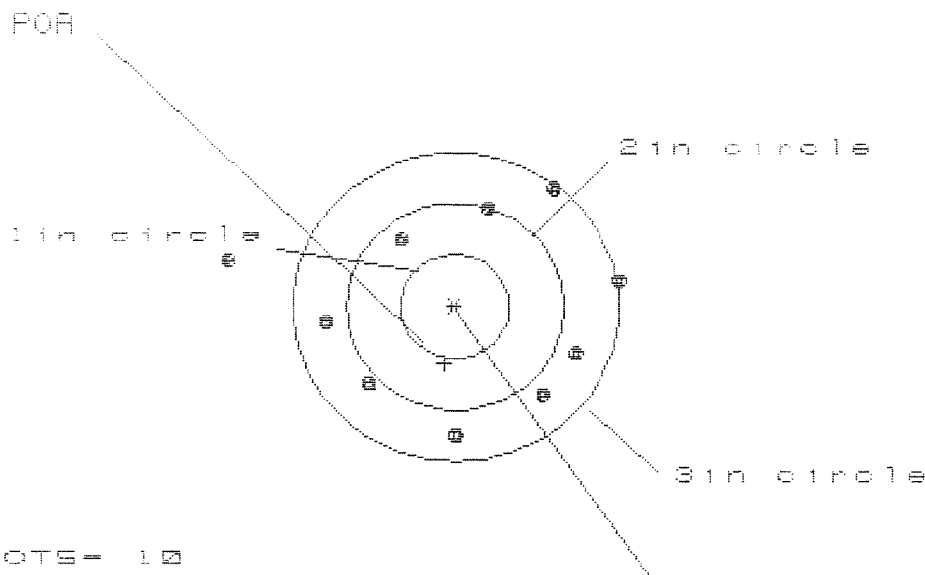
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1946
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .280199
THE AMR FOR THIS RIFLE IS: 1.133

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225241

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS = 2.665

VS = 2.328

GS = 3.669

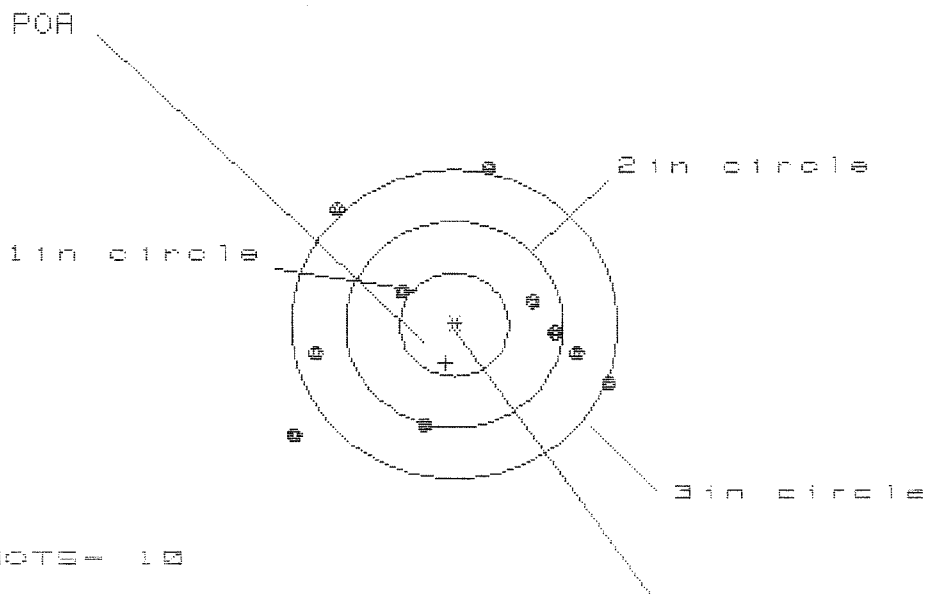
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.526	1.288	1.058
MINIMUM X	:	-2.139	-1.467	-1.306
MAXIMUM Y	:	1.106	1.156	1.198
MINIMUM Y	:	-1.222	-1.172	-1.130
CENTROID X	:	.096	.333	.172
CENTROID Y	:	.549	.499	.457
POA TO CENTROID in.	:	.558	.600	.488
MIN RADIUS	:	.840	.961	.960
MEAN RADIUS	:	1.295	1.175	1.148
MAX RADIUS	:	2.187	1.469	1.471
HORIZONTAL SPREAD	:	3.665	2.755	2.364
VERTICAL SPREAD	:	2.328	2.328	2.328
EXTREME SPREAD	:	3.669	2.785	2.556
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	8		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225241

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS = 2.843

VS = 2.653

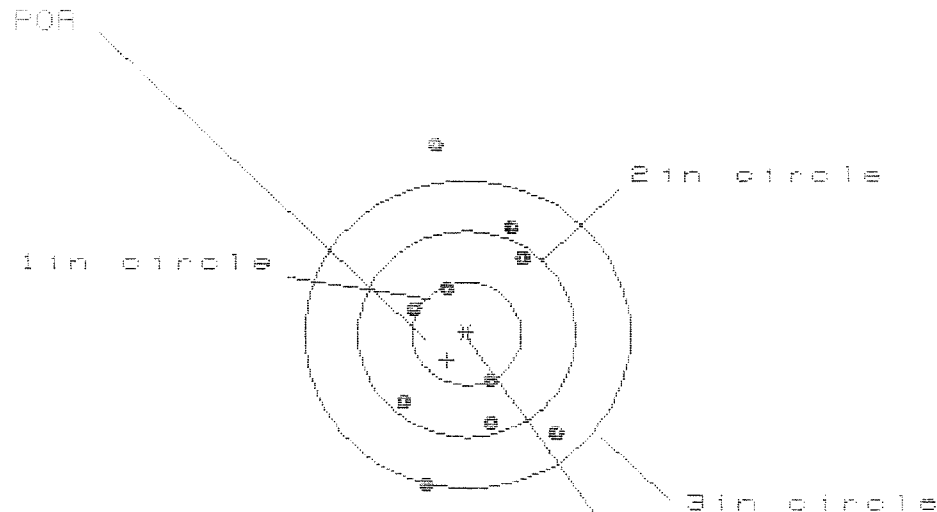
GS = 3.200

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.404	1.244	1.083
MINIMUM X	:	-1.439	-1.431	-1.591
MAXIMUM Y	:	1.544	1.421	1.551
MINIMUM Y	:	-1.109	-1.117	-1.987
CENTROID X	:	.080	.240	.400
CENTROID Y	:	.374	.497	.367
POA TO CENTROID in.	:	.382	.552	.543
MIN RADIUS	:	.573	.599	.499
MEAN RADIUS	:	1.230	1.141	1.041
MAX RADIUS	:	1.816	1.654	1.613
HORIZONTAL SPREAD	:	2.843	2.675	2.675
VERTICAL SPREAD	:	2.653	2.538	2.538
EXTREME SPREAD	:	3.200	3.078	2.694
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225241

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 1.424

VS= 3.255

GS= 3.258

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.793	.760	.703
MINIMUM X	-.631	-.664	-.721
MAXIMUM Y	1.803	1.210	1.053
MINIMUM Y	-1.452	-1.252	-.880
CENTROID X	.182	.215	.272
CENTROID Y	.255	.055	.211
POA TO CENTROID in.	.314	.222	.345
MIN RADIUS	.504	.314	.435
MEAN RADIUS	.990	.878	.819
MAX RADIUS	1.827	1.333	1.126
HORIZONTAL SPREAD	1.424	1.424	1.424
VERTICAL SPREAD	3.255	2.462	1.933
EXTREME SPREAD	3.258	2.587	1.979
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225241

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HE= 3.132

VS= 3.473

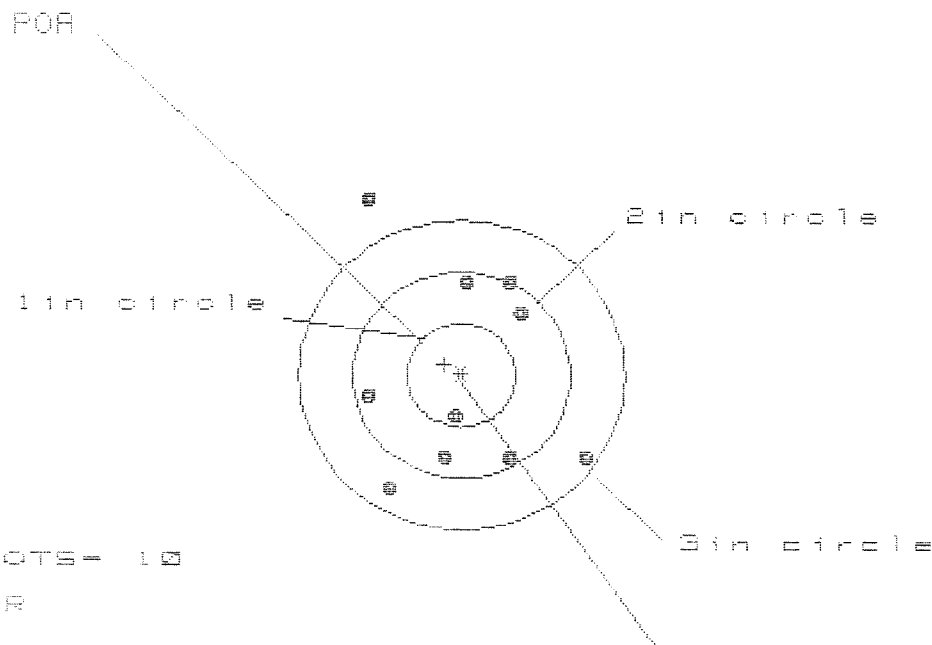
GS= 3.473

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.897	.857	.802
MINIMUM X	-1.235	-1.275	-1.330
MAXIMUM Y	1.730	1.536	1.069
MINIMUM Y	-1.743	-1.350	-1.158
CENTROID X	.494	.534	.589
CENTROID Y	-.099	.095	-.097
POA TO CENTROID in.	.504	.542	.597
MIN RADIUS	.232	.409	.249
MEAN RADIUS	1.110	1.033	.935
MAX RADIUS	1.780	1.857	1.764
HORIZONTAL SPREAD	2.132	2.132	2.132
VERTICAL SPREAD	3.473	2.886	2.227
EXTREME SPREAD	3.473	3.036	2.990
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

20 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225241

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.055

VS= 2.826

GS= 3.208

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.156
MINIMUM X	-.899
MAXIMUM Y	1.728
MINIMUM Y	-1.098
CENTROID X	.156
CENTROID Y	-.106
POR TO CENTROID in.	.189
MIN RADIUS	.402
MEAN RADIUS	1.039
MAX RADIUS	1.908
HORIZONTAL SPREAD	2.055
VERTICAL SPREAD	2.826
EXTREME SPREAD	3.208
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9