

G-6340907
Rephew
C-6225258

BARBER - M24 0083647

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

Repair Inquiry

Repair Number: **RE00092949** Serial: **C6225258** Model: **M24 SWS** Center Fire Caliber: **7.62 NATO** Produced: **0/25/1988** Repairman: Status: **Closed 2/10/2005 1:14:39 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:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FIL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition:

Condition Notes:

CSF Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

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

nasley 2/11/2005 9:10 AM CAPS INUM INS SCPL

start 5 2 4 Arms Search

G 636 0907 New

Serial Number: **C6225258**

Model: **M24 SWS**



RE00092949

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360907.___0
FILE DATE AND TIME: 06/14/2005 10:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

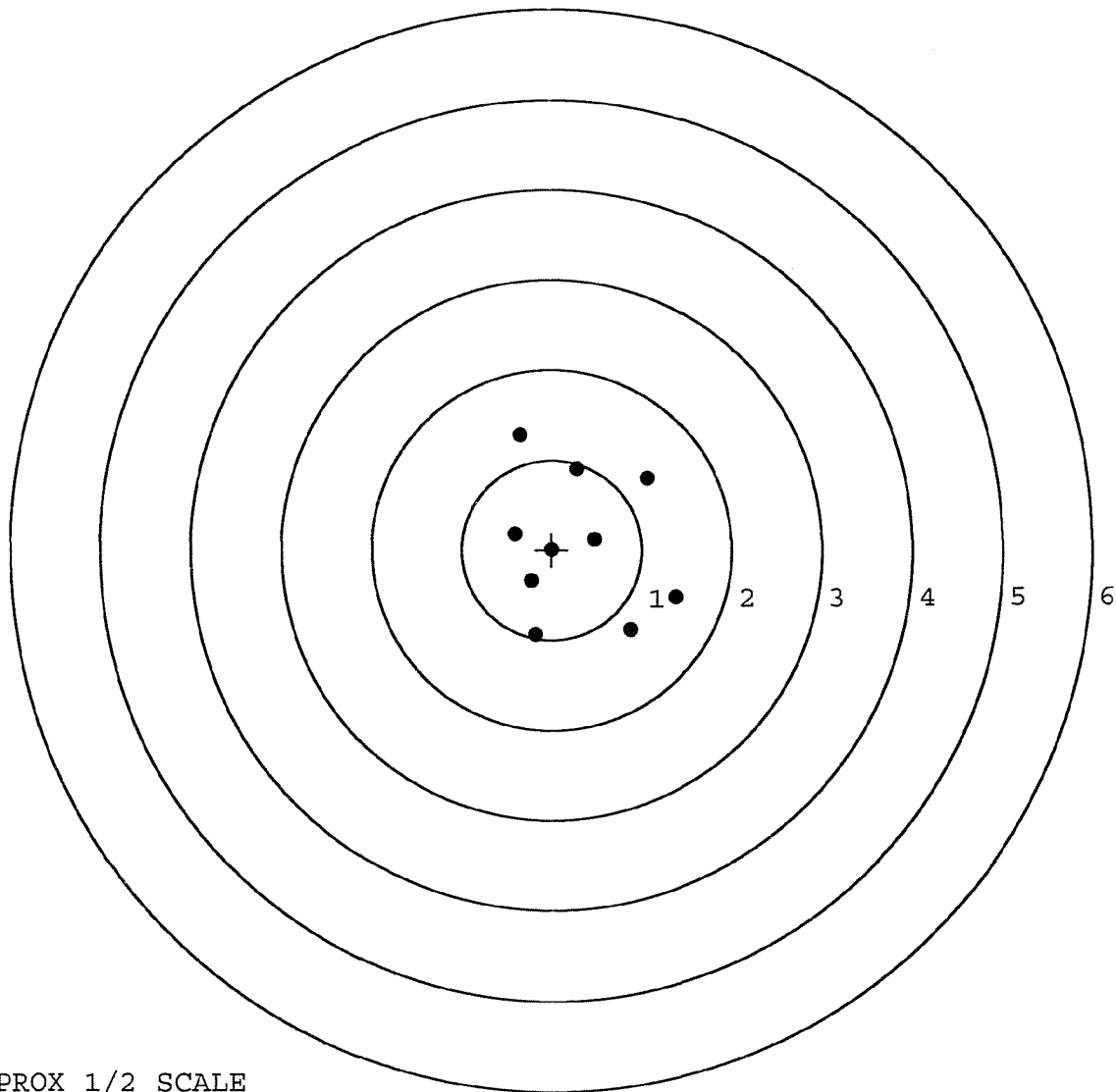
The Average X Centroid of the Five Target Set:	-0.104
The Average Y Centroid of the Five Target Set:	0.225
The Average Point of Impact of the Five Target Set:	0.248
The Average Mean Radius of the Five Target Set:	0.925
The Distance from POA to Centroid Target #1:	0.297
The Distance from Centroid Target #2 to Centroid Target #1:	0.755
The Distance from Centroid Target #3 to Centroid Target #1:	0.594
The Distance from Centroid Target #4 to Centroid Target #1:	0.440
The Distance from Centroid Target #5 to Centroid Target #1:	0.383

BARBER - M24 0083649

SERIAL NUMBER: G6360907. __0
 TARGET NUMBER: 1
 FILE DATE: 06/14/2005
 FILE TIME: 10:14

POINT#	X	Y
1:	0.002	-0.004
2:	1.375	-0.536
3:	0.874	-0.895
4:	0.481	0.115
5:	1.067	0.797
6:	0.285	0.905
7:	-0.343	1.279
8:	-0.406	0.177
9:	-0.230	-0.352
10:	-0.184	-0.953

X CENTROID: 0.292
 Y CENTROID: 0.053
 POA TO CENTROID: 0.297
 HORZ SPREAD: 1.781
 VERT SPREAD: 2.232
 GROUP SPREAD: 2.499
 MIN RADIUS: 0.199
 MAX RADIUS: 1.380
 MEAN RADIUS: 0.863
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



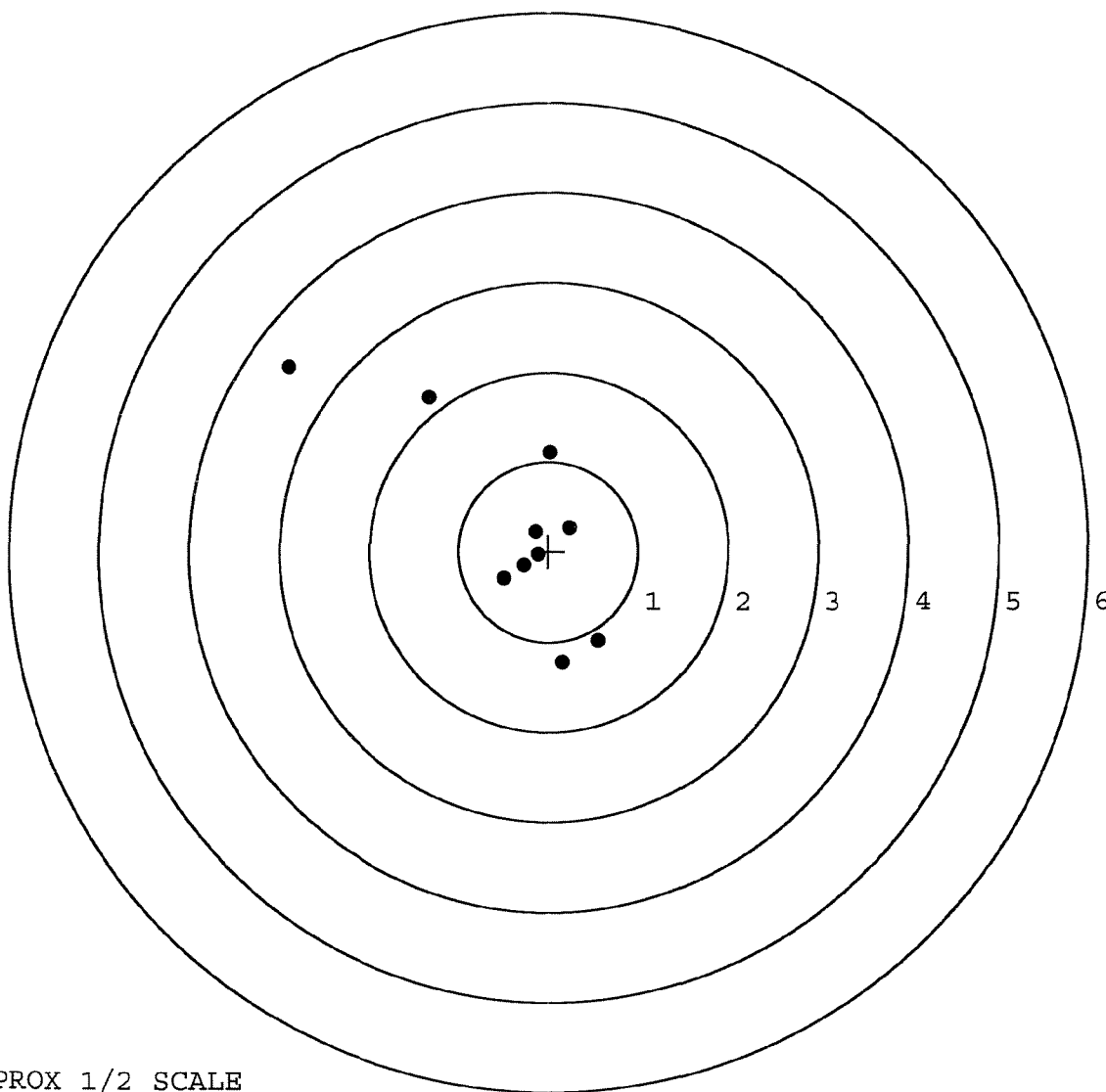
TARGET APPROX 1/2 SCALE

BARBER - M24 0083650

SERIAL NUMBER: G6360907. 0
 TARGET NUMBER: 2
 FILE DATE: 06/14/2005
 FILE TIME: 10:14

POINT#	X	Y
1:	-2.896	2.062
2:	-1.339	1.721
3:	0.016	1.104
4:	0.231	0.261
5:	-0.152	0.216
6:	-0.119	-0.037
7:	-0.279	-0.154
8:	-0.498	-0.306
9:	0.553	-0.990
10:	0.157	-1.227

X CENTROID: -0.433
 Y CENTROID: 0.265
 POA TO CENTROID: 0.507
 HORZ SPREAD: 3.449
 VERT SPREAD: 3.289
 GROUP SPREAD: 4.605
 MIN RADIUS: 0.285
 MAX RADIUS: 3.049
 MEAN RADIUS: 1.132
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0083651

SERIAL NUMBER: G6360907. __0

TARGET NUMBER: 3

FILE DATE: 06/14/2005

FILE TIME: 10:14

POINT#	X	Y
1:	0.425	0.139
2:	-0.207	-0.731
3:	-0.129	-1.176
4:	-0.211	-0.244
5:	-0.281	0.055
6:	-0.429	0.381
7:	0.361	1.315
8:	-0.803	1.355
9:	-1.060	1.815
10:	-0.209	-0.040

X CENTROID: -0.254

Y CENTROID: 0.287

POA TO CENTROID: 0.383

HORZ SPREAD: 1.485

VERT SPREAD: 2.991

GROUP SPREAD: 3.133

MIN RADIUS: 0.198

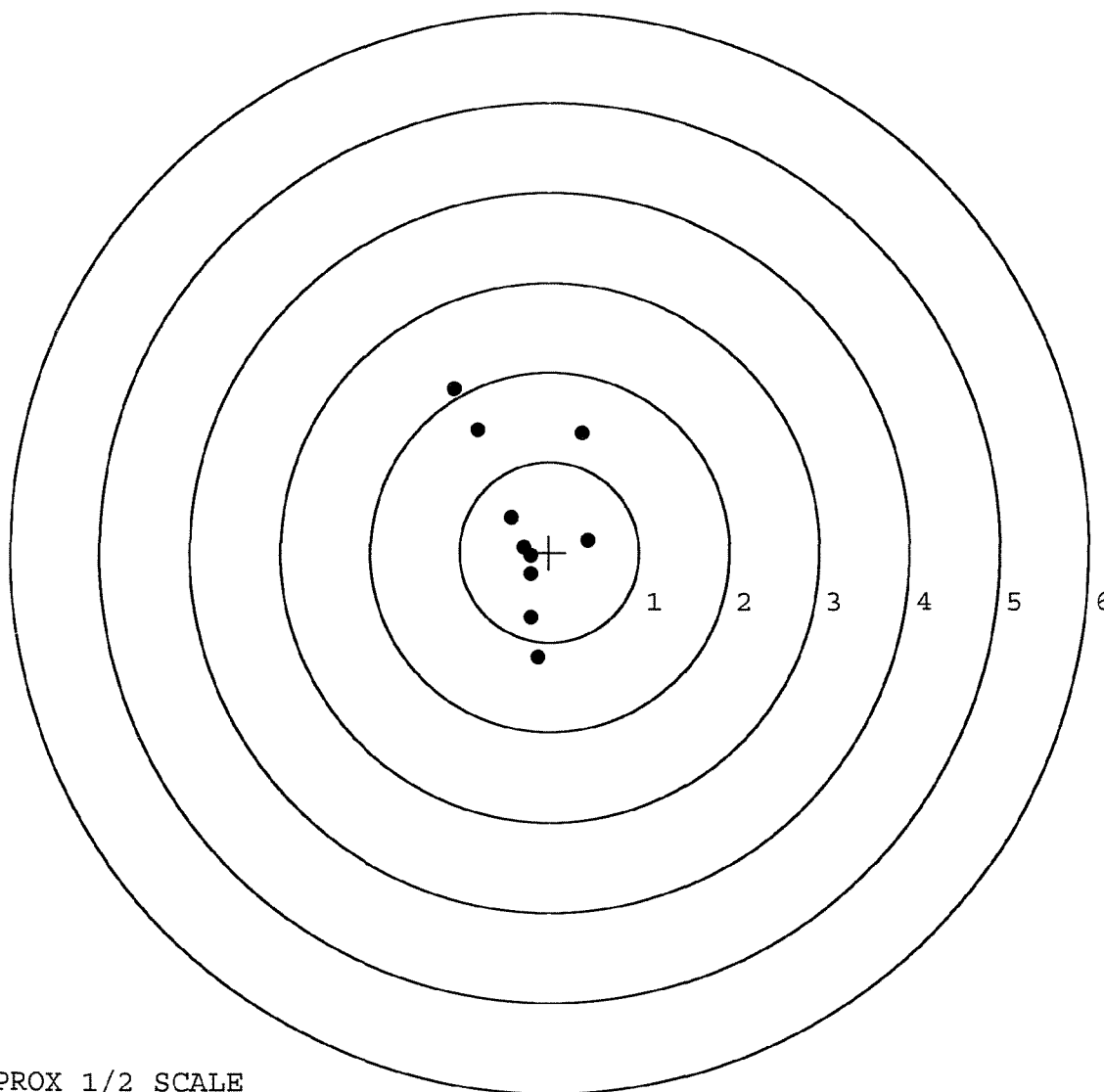
MAX RADIUS: 1.727

MEAN RADIUS: 0.860

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



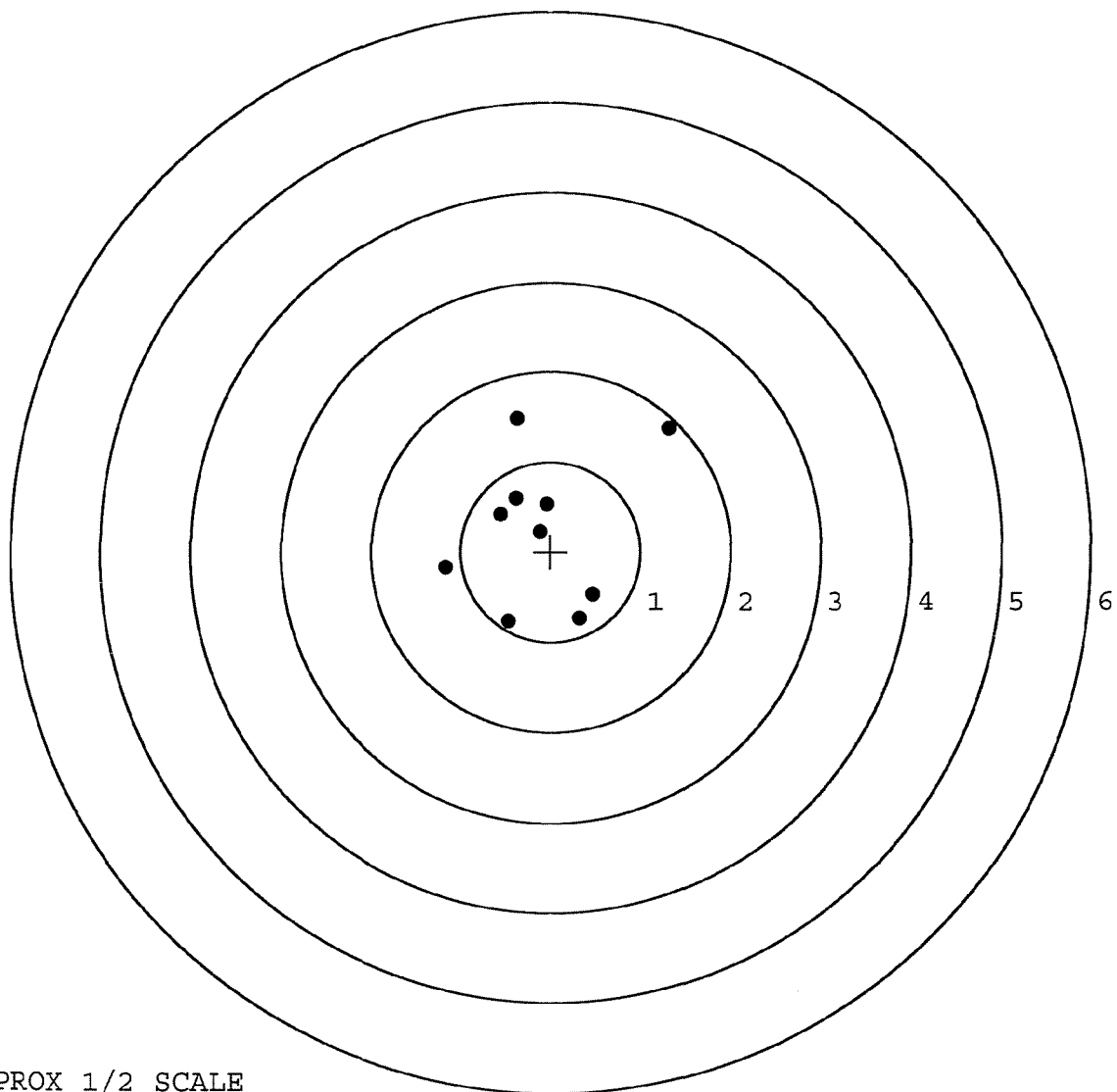
TARGET APPROX 1/2 SCALE

BARBER - M24 0083652

SERIAL NUMBER: G6360907. __0
 TARGET NUMBER: 4
 FILE DATE: 06/14/2005
 FILE TIME: 10:14

POINT#	X	Y
1:	-1.172	-0.174
2:	-0.468	-0.779
3:	0.473	-0.478
4:	0.320	-0.742
5:	-0.048	0.532
6:	-0.124	0.223
7:	-0.392	0.599
8:	-0.560	0.418
9:	1.312	1.372
10:	-0.377	1.475

X CENTROID: -0.104
 Y CENTROID: 0.245
 POA TO CENTROID: 0.266
 HORZ SPREAD: 2.484
 VERT SPREAD: 2.254
 GROUP SPREAD: 2.926
 MIN RADIUS: 0.030
 MAX RADIUS: 1.810
 MEAN RADIUS: 0.857
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0083653

SERIAL NUMBER: G6360907. __0

TARGET NUMBER: 5

FILE DATE: 06/14/2005

FILE TIME: 10:14

POINT#	X	Y
1:	0.011	1.829
2:	-0.280	0.993
3:	-0.425	0.666
4:	0.471	0.835
5:	0.931	0.632
6:	-1.142	-0.188
7:	0.437	-0.514
8:	0.059	-0.207
9:	-0.170	-0.439
10:	-0.092	-0.849

X CENTROID: -0.020

Y CENTROID: 0.276

POA TO CENTROID: 0.277

HORZ SPREAD: 2.073

VERT SPREAD: 2.678

GROUP SPREAD: 2.680

MIN RADIUS: 0.489

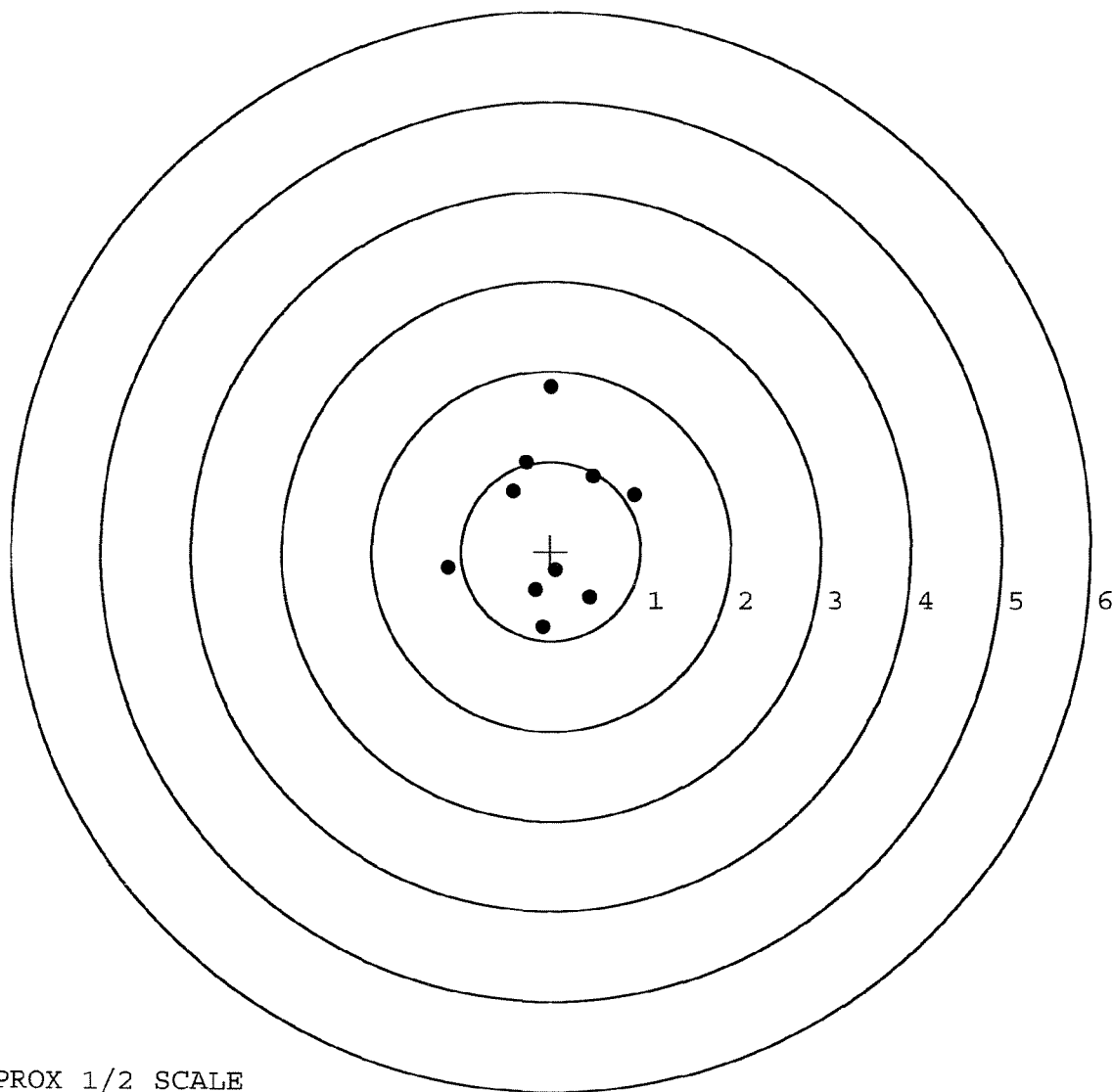
MAX RADIUS: 1.554

MEAN RADIUS: 0.911

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92949		
SERIAL NUMBER	C6225258		G6360907 New
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-26-05	RTL
560 A	RE-BARREL	5-3-05	RTL
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTL
600	PROOF	5-4-05	A
605	CHECK HEADSPACE	5-4-05	A
610	DIS-ASSEMBLE GUN	5-6-05	RTL
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	CR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-28-05	A
D	SAFETY "OFF" FORCE	6-28-05	A
E	FIRING PIN INDENT	6-28-05	A
640	TARGET	6-14-05	A
655	FINAL INSPECT	6-28-05	AC
660	PACK	7-12-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225258

CENTROIDAL DISTANCES

0 TO	1	.492154
1 TO	2	.375055
1 TO	3	.776846
1 TO	4	.543104
1 TO	5	.469282

3 1 4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5736
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.392
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .694752

THE AMR FOR THIS RIFLE IS: 1.065

11 Oct 1988

FILE: \PATTERNING\CENTERFIRE_PATT\08225250

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.343

VS= 1.625

CS= 2.700

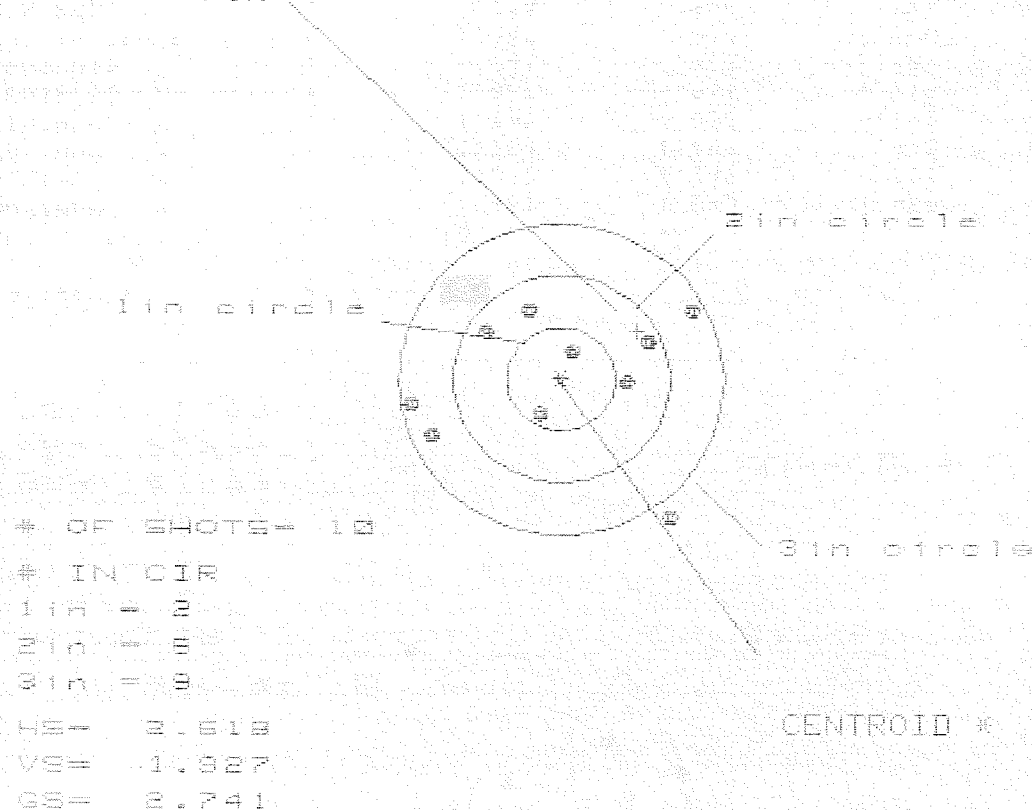
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.310	.981	.970
MINIMUM X	-1.033	-.888	-.532
MAXIMUM Y	.750	.662	.709
MINIMUM Y	-.867	-.606	-.559
CENTROID X	-.350	-.495	-.384
CENTROID Y	-.346	-.250	-.297
POA TO CENTROID in.	.492	.555	.486
MIN RADIUS	.342	.188	.297
MEAN RADIUS	.781	.650	.627
MAX RADIUS	1.571	1.137	1.018
HORIZONTAL SPREAD	2.343	1.869	1.402
VERTICAL SPREAD	1.625	1.268	1.268
EXTREME SPREAD	2.700	2.098	1.856
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

INDEX

FILE # PATTERNING/CENTERFIRE PATT/09225258

CENTER FIRE PATTERNS # 2

FOR



PATTERN # 2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM %	:	1.243	1.357	1.064
MINIMUM %	:	-1.375	-1.261	-1.091
MAXIMUM Y	:	.639	.496	.556
MINIMUM Y	:	-1.288	-.676	-.616
CENTROID X	:	<u>-1.705</u>	<u>-.819</u>	<u>-.989</u>
CENTROID Y	:	<u>-.467</u>	<u>-.324</u>	<u>-.384</u>
POA TO CENTROID in.	:	.845	.881	1.061
MIN RADIUS	:	.299	.234	.409
MEAN RADIUS	:	<u>.937</u>	<u>.828</u>	<u>.768</u>
MAX RADIUS	:	1.650	1.441	1.124
HORIZONTAL SPREAD	:	2.618	2.618	2.155
VERTICAL SPREAD	:	1.927	1.172	1.172
EXTREME SPREAD	:	2.741	2.741	2.215
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Oct 1988

FILE: PATTERNING/CENTERFIRE_PATT/C8225258

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.497

VS= 2.779

CS= 3.163

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.461

1.345

1.450

MINIMUM X

-1.037

-1.149

-.931

MAXIMUM Y

1.184

1.007

.943

MINIMUM Y

-1.595

-.828

-.892

CENTROID X

-1.067

-.951

-1.119

CENTROID Y

-.645

-.468

-.404

POA TO CENTROID in.

1.247

1.060

1.190

MIN RADIUS

.274

.328

.147

MEAN RADIUS

1.035

.938

.828

MAX RADIUS

1.902

1.441

1.462

HORIZONTAL SPREAD

2.497

2.494

2.431

VERTICAL SPREAD

2.779

1.835

1.835

EXTREME SPREAD

3.163

2.619

2.451

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

9

11 Oct 1988

FILE: \PATTERNING\CENTERFIRE\ PATT\08225258

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 7

CENTROID X

HS = 3.274

VS = 2.686

GS = 3.627

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.220

1.034

.754

MINIMUM X

-2.054

-2.240

-1.379

MAXIMUM Y

1.227

1.362

1.386

MINIMUM Y

-1.459

-1.324

-1.300

CENTROID X

.029

.215

.495

CENTROID Y

.043

-.092

-.116

POR TO CENTROID in.

.052

.234

.509

MIN RADIUS

.357

.409

.125

MEAN RADIUS

1.314

1.205

1.024

MAX RADIUS

2.067

2.248

1.423

HORIZONTAL SPREAD

3.274

3.274

2.133

VERTICAL SPREAD

2.686

2.686

2.686

EXTREME SPREAD

3.627

3.393

2.718

NUMBER IN ONE INCH CIRCLE = 1

NUMBER IN TWO INCH CIRCLE = 3

NUMBER IN THREE INCH CIRCLE = 7

11 Oct 1988

FILE: PATTERNING/CENTERFIRE_PATT/0825250

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS = 2.004

VS = 0.500

GS = 0.000

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.156

1.000

1.200

MINIMUM X

-1.920

-1.001

-1.001

MAXIMUM Y

1.000

0.969

0.801

MINIMUM Y

-1.619

-1.409

-1.577

CENTROID X

-1.775

-1.702

-1.819

CENTROID Y

-0.545

-0.755

-0.587

POR TO CENTROID (in)

0.947

1.031

1.007

MIN RADIUS

0.418

0.630

0.425

MEAN RADIUS

1.257

1.202

1.006

MAX RADIUS

2.000

1.639

1.657

HORIZONTAL SPREAD

2.004

2.004

2.004

VERTICAL SPREAD

0.500

2.070

2.378

EXTREME SPREAD

0.026

2.056

2.056

NUMBER IN ONE INCH CIRCLE

1

1

1

NUMBER IN TWO INCH CIRCLE

4

4

4

NUMBER IN THREE INCH CIRCLE

6

6

6

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225258

DATE 19 Aug. 88

TESTER J. U. + R. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.39	2.69 2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.41	2.61 2.80	
PULL #3	2.53	2.42	2.65 2.79	
PULL #4	2.52	2.43	2.66 2.78	
PULL #5	2.58	2.41	2.62 2.80	
TOTAL	12.67	12.06	13.23 13.94	
AVG.	2.534	2.412	2.646 2.788	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.98	3.01		
PULL #2	2.95	2.97		
PULL #3	2.93	2.98		
PULL #4	2.88	2.98		
PULL #5	2.99	3.02		
TOTAL	14.73	14.96		
AVG.	2.946	2.992		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.09		4.03
PULL #2	4.13	4.17		4.00
PULL #3	4.15	4.18		4.07
PULL #4	4.18	4.08		4.05
PULL #5	4.18	4.21		4.08
TOTAL	20.78	20.73		20.23
AVG.	4.156	4.146		4.046

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225258

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	2/1	FB
600	PROOF	2/3/88	Rub
615	MAGNAFLUX BARREL	2/18/88	Pf.C.
	MAGNAFLUX BOLT	5/13/88	Pf.C.
620	COATING	8/1/88	JA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225258

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		8/19/58	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/19/58	RW
	C) Inspect Ejector Hole for Chamfer		8/19/58	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/19/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake	2.52 2.52 2.53 2.53	19 Aug 88	2.4001
	F) Safety on Force	4 4 4	19 Aug 88	2.4001
	G) Safety off Force	6.5 6.5 6.5	19 Aug 88	6.4001
	H) Trigger Pull Test & Retainability		19 Aug 88	2.4001
	I) Firing Pin Indent	22.5 22.5 22.5	19 Aug 88	6.4001
	J) Assemble Stock		8/23/88	RW
	K) Assemble Swivel Studs		10-2-88	3.2.5
	L) Attach Front & Rear Sight Assemblies		9/21/88	RW
	M) Iron Sight Alignment		9/21/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/21/88	RW
	O) Attach Scope to Rifle		10/4/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	1.2.8
640	Gallery Target & Test	44 R 111L		AC
	A) Optical Clarity of Scope	OK		AC
645	Inspect for Live Ammo	None		AC
655	Final Inspection			
	A) Headspace		10-13-88	4.2
	B) Trigger Pull		10-14-88	4.5
	C) Function		10-12-88	4.5
660	Pack		10-21-88	2.8

BARBER - M24 ~~0083889~~ **M2400083704**

RECEIVING AND ESTIMATING REPORT

INITIAL		CUSTOMER ORDER NO.		COMMENTS			
# B #				WOG 3 OF 4/MODEL M24/W LEUPOLD SCOPE 10 POWER W EXTRA BOLT # 6225136			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE		ORDER	
04/05/89	04/10/89	KI 5-88	C6225258	9999	7.62 NATO	R	89-12001
ACCESSORIES		W/SLING STRAP		W/STUDS		W/SWIVELS	

FROM:	SHIP TO:
MAINTENANCE DIVISION USAIC ATT ATZB-DL-MA-Q BLDG 228 FORT BENNING GA 31905-5174	MAINTENANCE DIVISION USAIC ATT ATZB-DL-MA-Q BLDG 228 FORT BENNING GA 31905-5174

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

BARREL COATING FLAKING OFF
REFIT STOCK TO BARREL ACTION

MAIN FAULT

1.) STRIP & APPLY NEW BARREL COATING

2.) RECOAT SWIVELS & STUDS

MISSING PARTS IN DEPLOYMENT

PARTS KIT REPLACED

3.) CLEAN & TEST TRIGGER ASSEMBLY

1- 96106 - M16 CLEANING BRUSH

1- 16935 - CHAMBER BRUSH

1- 96040 - DIAL DUST COVER - SCOPE

1- 96044 - REAR SCOPE DUST COVER

1- 96115 - OIL BOTTLE

1- 96116 - CLEANING PATCHES

4.) TOUCH-UP TRIGGER GUARD & FLOOR PLATE

5.) REFIT BARREL ACTION TO STOCK

6.) CLEAN COMPONENT CARRYING CASE

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW		AC	AC	AC	AC
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
AC		4/11/89	4/11/89	4/11/89	4/11/89

RD6925 REV. 6/88

OFFICE COPY

RECEIVING AND ESTIMATING REPORT

INITIAL JJM		CUSTOMER ORDER NO.		COMMENTS SNIPER M-24 W/10X LEUPOLD SCOPE			
DATE RECEIVED 08/08/90	DATE OPENED 08/16/90	DATE CODE	SERIAL NUMBER C6225258	MODEL AND GRADE 9999 7.65 NATO		ORDER R 90-22046	
ACCESSORIES SLING STRAP W/STUDS		W/SWIVELS		HARD CASE			

FROM:

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

SHIP TO:

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

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

MAIN FAULT

PARTS

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

RD6925 REV. 6/88

WITH GUN

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>Longman</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Weapons Pool Br</i> <i>Mant Div, DOL</i>		B. LOCATION <i>Bldg 9106</i> <i>Ft. Benning GA 31905</i>		C. UNIT IDENT CODE <i>WOU255</i>			
2. SERIAL NO. <i>C6225258</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL <i>H</i>		8. UTILIZATION CODE <i>Q</i>		9A. MCSR ITEM		9B. ERC	
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 ☒ F Normal Op ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 397 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>Paint Peeling off Barrel, Stock Fibers wearing through</i>									
B. REMARKS <i>Reconditioning Not Done - Rifle checked & repaired for Function Only - Remington Arms Co. J. J. Hill</i>									
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		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				

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

RECEIVING BARBER M24 M0002970T

COMMENTS

ORDER

R 95-06903

INITIAL CUSTOMER ORDER NO.

M24 W/ULTRA 10X-M3A SCOPE & DEPLOYMENT KIT

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
02/24/95	02/24/95	KI 5-88	C6225258		700 7.62 NATO
ACCESSORIES	SLING STRAP	W/STUDS	HARD CASE	SCOPE MNTS	SCOPE BASE
			W/1 SWIVEL		

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

R649329019

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

W52 H09 5082 H 226

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

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

B6

METAL

C2

MAIN FAULT

Re calibrate Scope

PARTS

COMMENTS

Barrel - 96003
Firing pin Assy - 96007
Stock - 96018

Replaster Coat Trigger Guard
Assy. Front & Rear Sight Bases
Reline Scope Base, Rings,
Swivel & Swivel Studs

Trigger Adjusted outside of Factory
Scope sent back to Factory
to be Recalibrated

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	3/1/95	3/17/95	3/24/95	3/31/95	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00838983709

NMP COPY 2

BARBER - M24 0083871

#9

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 3/29 INF U.S. ARMY SNIPER SCHOOL			2. NOMENCLATURE AND MODEL 7.62mm M24 SNIPER WEAPON SYSTEM		
3. REGISTRATION/SERIAL/NSN C6225258	4a. MILES	4b. HOURS	4c. ROUNDS FIRED 3,360	4d. HOT STARTS	5. DATE 08 JUN 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 performing inspection)		8b. TIME	9a. SIGNATURE (Maintenance Supervisor)		9b. TIME
[Signature]		0729			
				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 3 IN/OP			
1	/	REAR IRON SIGHT ELEVATION KNOB BROKEN			
1	X	MISSING TM 9-1005-306-10			
2	X	STOCK DAMAGED AT FRONT SLING SWIVEL			
8	X	DAY SIGHT DOES NOT COMPENSATE FOR RANGE			

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

BARBER - M24 0063879

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225258
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.255227
1 TO	2	.509927
1 TO	3	.187043
1 TO	4	.336251
1 TO	5	.323575

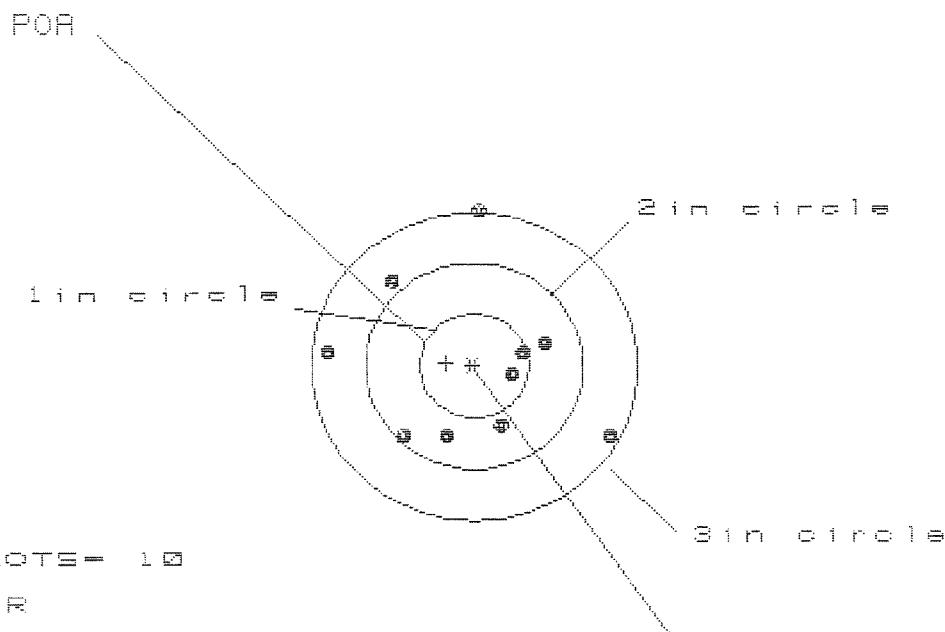
4
251 (----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0114
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0078
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .013813
THE AMP FOR THIS RIFLE IS: .9662

26 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225258

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.522

VS = 2.200

GS = 2.650

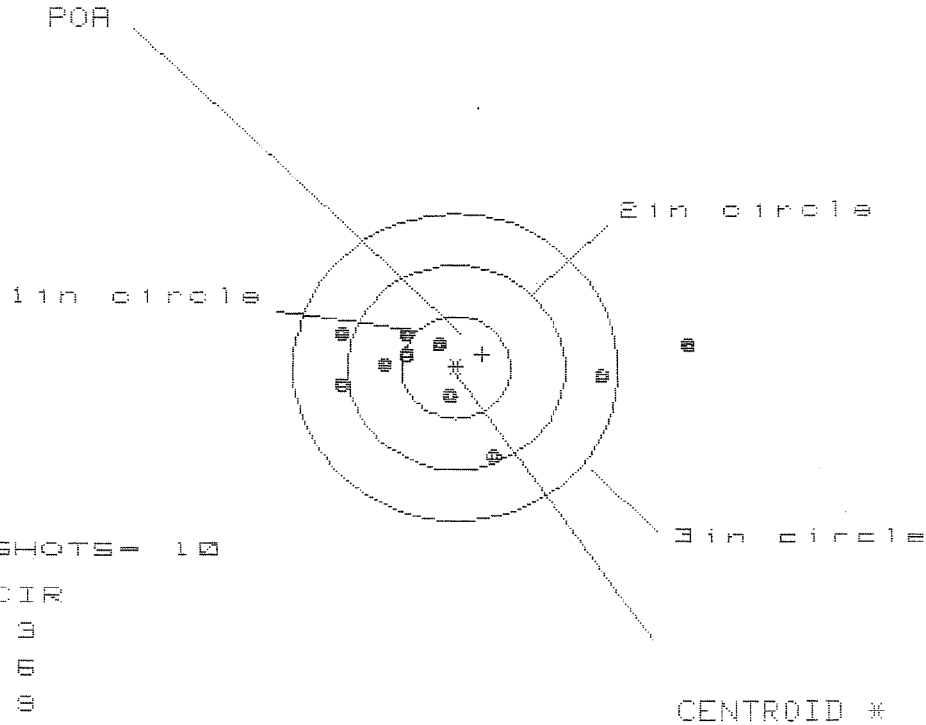
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.218	1.228	.799
MINIMUM X	-1.304	-1.294	-1.140
MAXIMUM Y	1.484	.976	.907
MINIMUM Y	-.716	-.551	-.609
CENTROID X	.254	.244	.090
CENTROID Y	-.025	-.190	-.121
FOR TO CENTROID in.	.255	.309	.151
MIN RADIUS	.358	.383	.521
MEAN RADIUS	.914	.831	.787
MAX RADIUS	1.487	1.346	1.156
HORIZONTAL SPREAD	2.522	2.522	1.939
VERTICAL SPREAD	2.200	1.527	1.516
EXTREME SPREAD	2.650	2.650	1.945
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

25 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225258

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 3.263

VS= 1.263

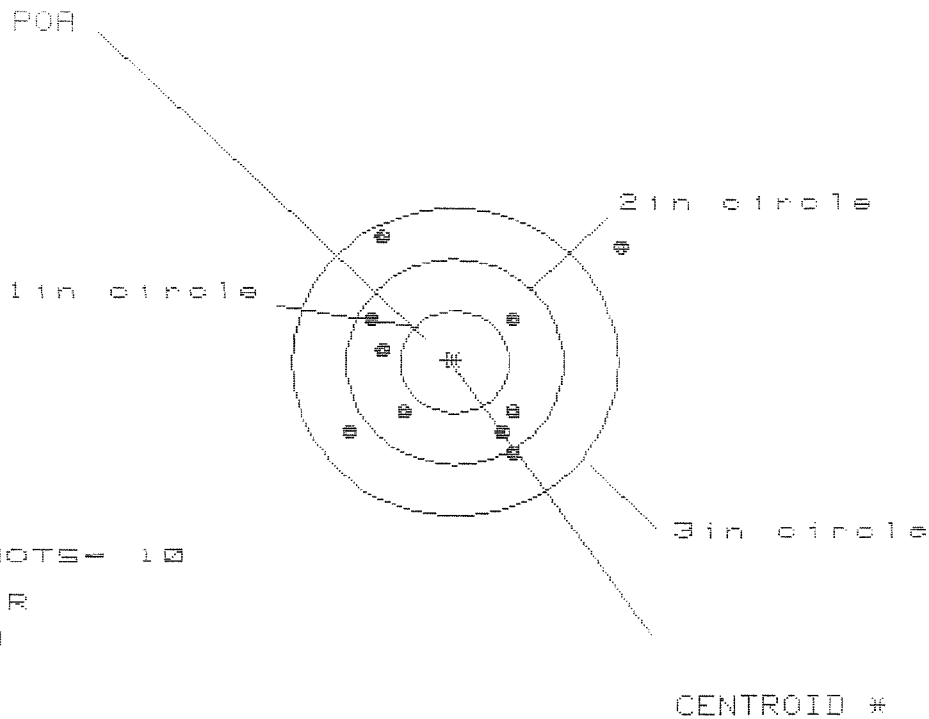
GS= 3.289

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.176	1.541	.823
MINIMUM X	-1.087	-.846	-.653
MAXIMUM Y	.356	.386	.379
MINIMUM Y	-.907	-.877	-.884
CENTROID X	-.245	-.486	-.679
CENTROID Y	-.130	-.160	-.153
POA TO CENTROID in.	.277	.512	.696
MIN RADIUS	.286	.294	.178
MEAN RADIUS	.894	.674	.521
MAX RADIUS	2.193	1.542	1.208
HORIZONTAL SPREAD	3.263	2.387	1.476
VERTICAL SPREAD	1.263	1.263	1.263
EXTREME SPREAD	3.289	2.388	1.873
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225258

CENTERFIRE PATTERNS # 3



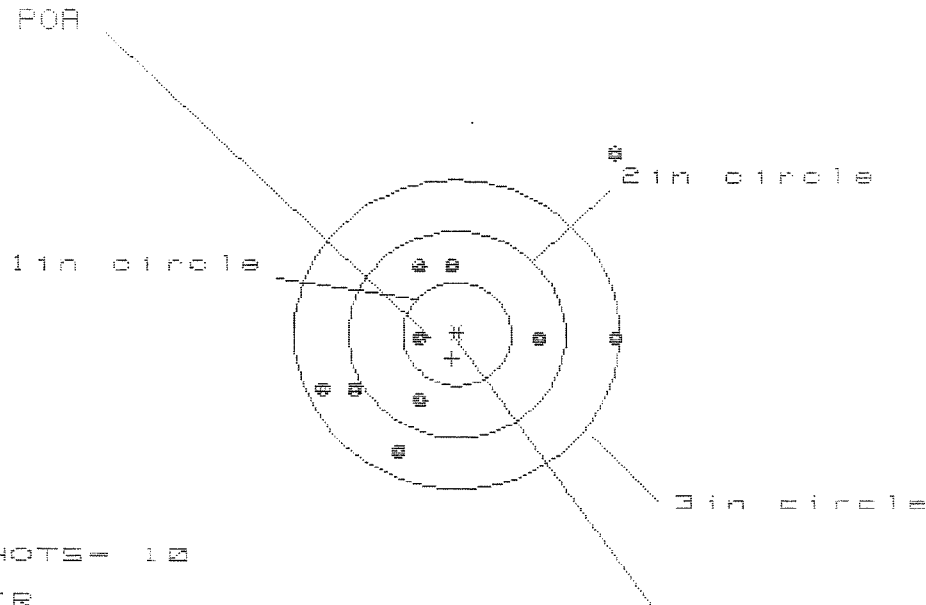
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.495
MINIMUM X	-.965
MAXIMUM Y	1.181
MINIMUM Y	-.893
CENTROID X	.067
CENTROID Y	-.021
POA TO CENTROID in.	.070
MIN RADIUS	.640
MEAN RADIUS	.980
MAX RADIUS	1.852
HORIZONTAL SPREAD	2.460
VERTICAL SPREAD	2.074
EXTREME SPREAD	3.037
NUMBER IN ONE INCH CIRCLE	= 0
NUMBER IN TWO INCH CIRCLE	= 6
NUMBER IN THREE INCH CIRCLE	= 9

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225258

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.707

VS= 2.926

GS= 3.541

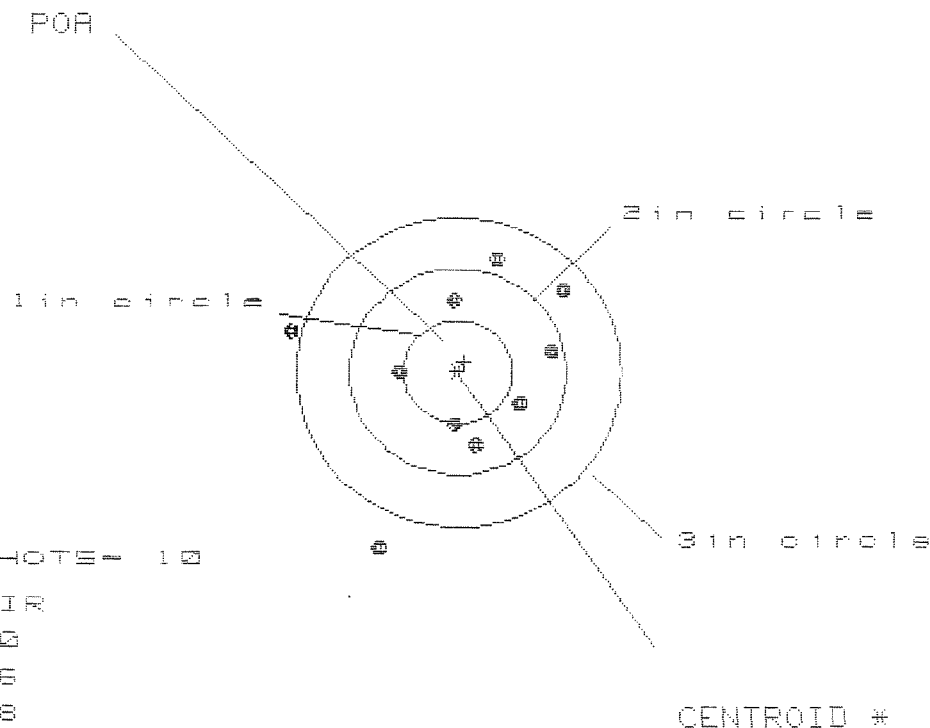
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.492	1.577	1.112
MINIMUM X	:	-1.215	-1.049	-.852
MAXIMUM Y	:	1.754	.841	.858
MINIMUM Y	:	-1.172	-.977	-.968
CENTROID X	:	.042	-.124	-.321
CENTROID Y	:	.236	.041	.024
POA TO CENTROID in.	:	.240	.138	.322
MIN RADIUS	:	.319	.256	.226
MEAN RADIUS	:	1.057	.881	.765
MAX RADIUS	:	2.303	1.583	1.120
HORIZONTAL SPREAD	:	2.707	2.626	1.964
VERTICAL SPREAD	:	2.926	1.818	1.818
EX. ENR SPREAD	:	3.541	2.665	2.012
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225258

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS = 2.542

VS = 2.801

GS = 3.088

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.986	.906	.701
MINIMUM X	-1.556	-1.636	-1.835
MAXIMUM Y	1.058	.864	.888
MINIMUM Y	-1.743	-1.859	-1.835
CENTROID X	-.061	.019	.224
CENTROID Y	-.099	.095	.071
POA TO CENTROID in.	.116	.097	.235
MIN RADIUS	.531	.543	.531
MEAN RADIUS	.986	.875	.753
MAX RADIUS	1.887	1.648	.963
HORIZONTAL SPREAD	2.542	2.542	1.536
VERTICAL SPREAD	2.801	1.723	1.723
EXTREME SPREAD	3.088	2.580	1.732
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225258

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		3/17/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/17/95	RW
	C) Inspect Ejector Hole for Chamfer		3/17/95	RW
	D) Oil Firing Pin Ass'y		3/17/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER, M24 0083681 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.025	.023	.024	3/17/95	RW
	J) Assemble Stock				3/17/95	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				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: C6225258

DATE REC'D: 2/24/95

DATE RET'D:

AUDITOR: *AW*

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