

G-6590102
Replaced
C-6349116

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: **RE00113472** Serial: C6349116 Model M24 SWS Center Fire
 Verify Repair: ☐ Caliber: 7.62 NATO Produced: 03/19/1990 Repairman:
 Status: Closed 6/12/2006 2:30:11 PM

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **XU W4UJ USA GARRISON ALASKA** **XU W4UJ USA GARRISON ALASKA**

Address 1: **SUP DIV DOL BLDG 804 TRANS** **SUP DIV DOL BLDG 804 TRANS**

Address 2: **804 WHSE ST (907) 384-7692** PO Box: **804 WHSE ST (907) 384-7692** PO Box:

City: **FT RICHARDSON** **FT RICHARDSON**

State: **AK** Zip Code: **99505** Country: **US** State: **AK** Zip Code: **99505** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																								
Contact Information Phone: NA Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>A055</td> <td>Deployment Kit</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	A055	Deployment Kit	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																										
A007	With Stud	3																										
A010	Hard Case	1																										
A017	Scope Base	1																										
A026	Scope	1																										
A045	Bi Pod	1																										
A055	Deployment Kit	1																										
A057	Fit and Rear Sgt Base	1																										

Repair Search | Refresh | Close

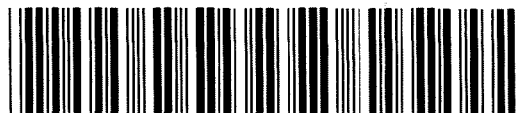
nagletj | 6/13/2006 | 8:29 AM | CAPS | NUM | INS | SCRL

start | 3 Int... | Arms S... | Part S... | 2 Mic... | 4 Mic... | Quality... | 8:29 AM

66590102 (Hm)

Serial Number: **C6349116**

Model: **M24 SWS**



RE00113472

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590102.___0
FILE DATE AND TIME: 06/28/2006 17:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.016
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.023
The Average Mean Radius of the Five Target Set:	0.772
The Distance from POA to Centroid Target #1:	0.054
The Distance from Centroid Target #2 to Centroid Target #1:	0.195
The Distance from Centroid Target #3 to Centroid Target #1:	0.320
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.276

SERIAL NUMBER: G6590102. 0

TARGET NUMBER: 1

FILE DATE: 06/28/2006

FILE TIME: 17:59

X CENTROID: -0.050

Y CENTROID: -0.021

POA TO CENTROID: 0.054

HORZ SPREAD: 2.107

VERT SPREAD: 1.339

GROUP SPREAD: 2.262

MIN RADIUS: 0.216

MAX RADIUS: 1.214

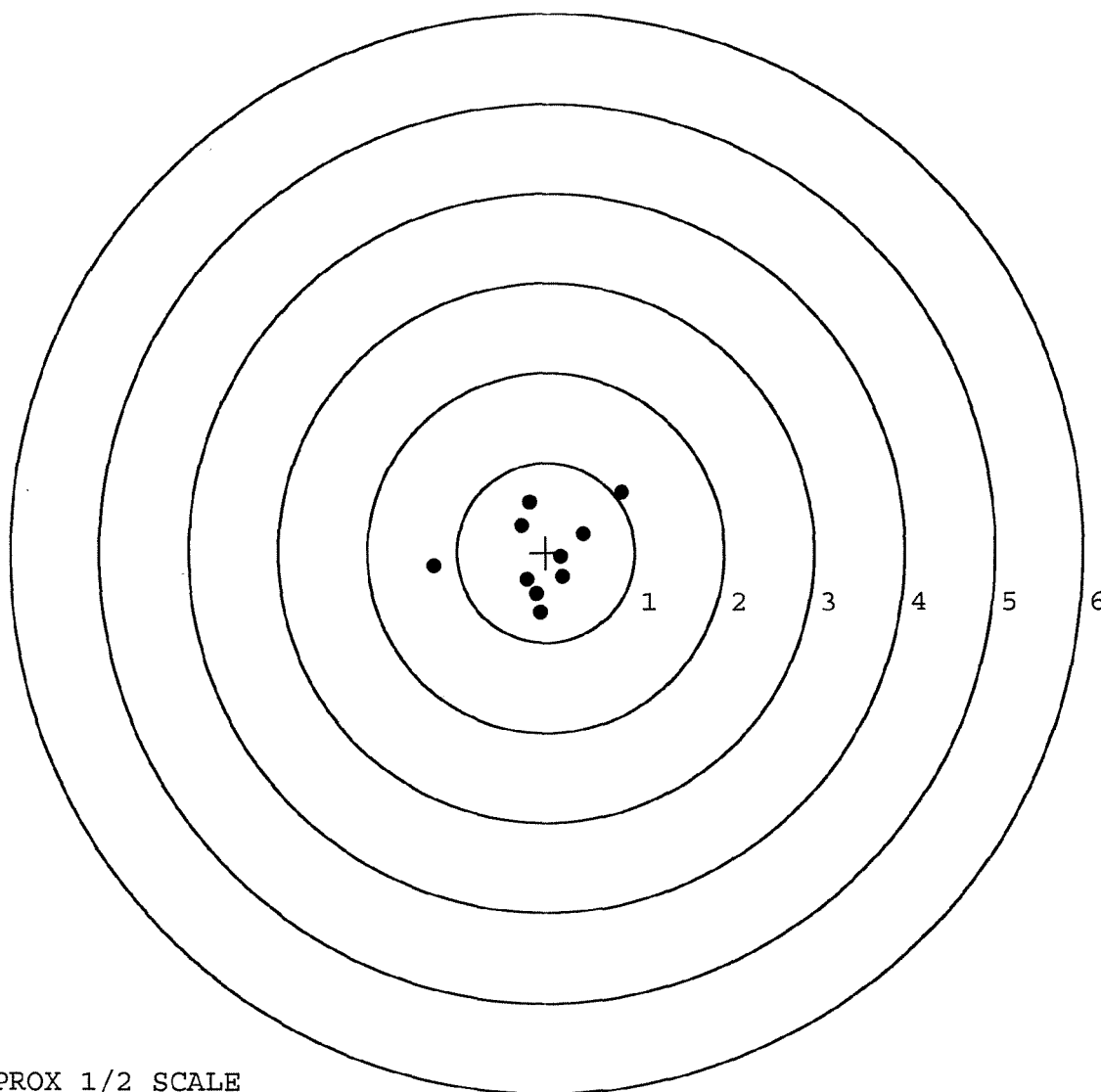
MEAN RADIUS: 0.586

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.188	0.559
2:	-0.281	0.295
3:	0.850	0.667
4:	0.422	0.201
5:	0.164	-0.047
6:	0.183	-0.278
7:	-0.061	-0.672
8:	-0.118	-0.473
9:	-0.215	-0.310
10:	-1.257	-0.155



TARGET APPROX 1/2 SCALE

BARBER - M24 0164551

SERIAL NUMBER: G6590102. __0

TARGET NUMBER: 2

FILE DATE: 06/28/2006

FILE TIME: 17:59

X CENTROID: 0.052

Y CENTROID: 0.145

POA TO CENTROID: 0.154

HORZ SPREAD: 1.974

VERT SPREAD: 1.844

GROUP SPREAD: 2.500

MIN RADIUS: 0.262

MAX RADIUS: 1.410

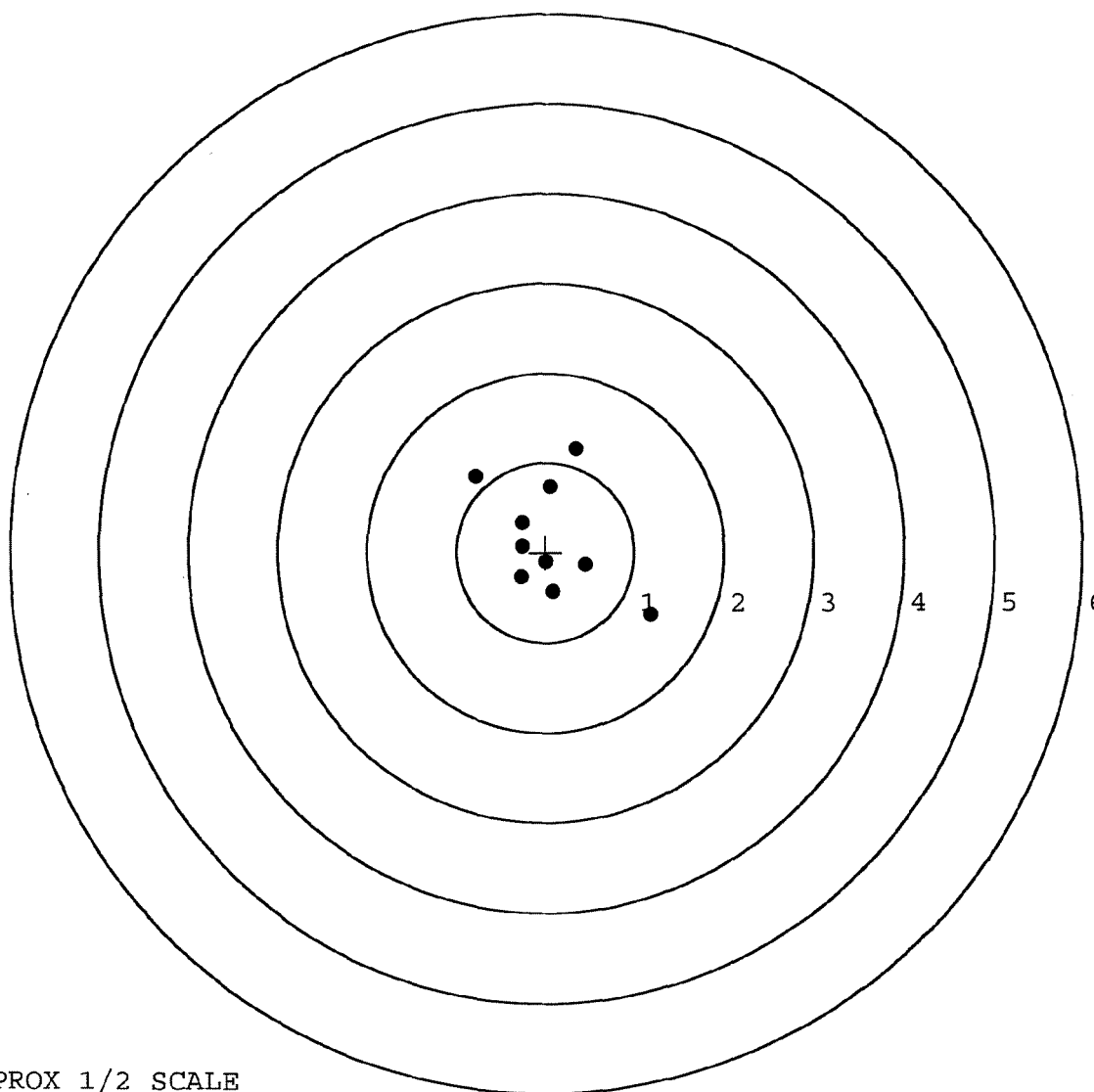
MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.784	0.847
2:	0.339	1.157
3:	0.052	0.727
4:	-0.268	0.324
5:	0.452	-0.141
6:	1.190	-0.687
7:	0.083	-0.441
8:	-0.276	-0.285
9:	0.000	-0.112
10:	-0.265	0.062



TARGET APPROX 1/2 SCALE

BARBER - M24 0164552

SERIAL NUMBER: G6590102. __0

TARGET NUMBER: 3

FILE DATE: 06/28/2006

FILE TIME: 17:59

POINT#	X	Y
1:	0.197	2.324
2:	0.470	1.053
3:	0.162	0.342
4:	-1.282	0.500
5:	-0.915	0.032
6:	-0.590	-0.015
7:	-0.112	-0.280
8:	0.472	-0.430
9:	0.592	-0.314
10:	0.719	-0.233

X CENTROID: -0.029

Y CENTROID: 0.298

POA TO CENTROID: 0.299

HORZ SPREAD: 2.001

VERT SPREAD: 2.754

GROUP SPREAD: 2.768

MIN RADIUS: 0.196

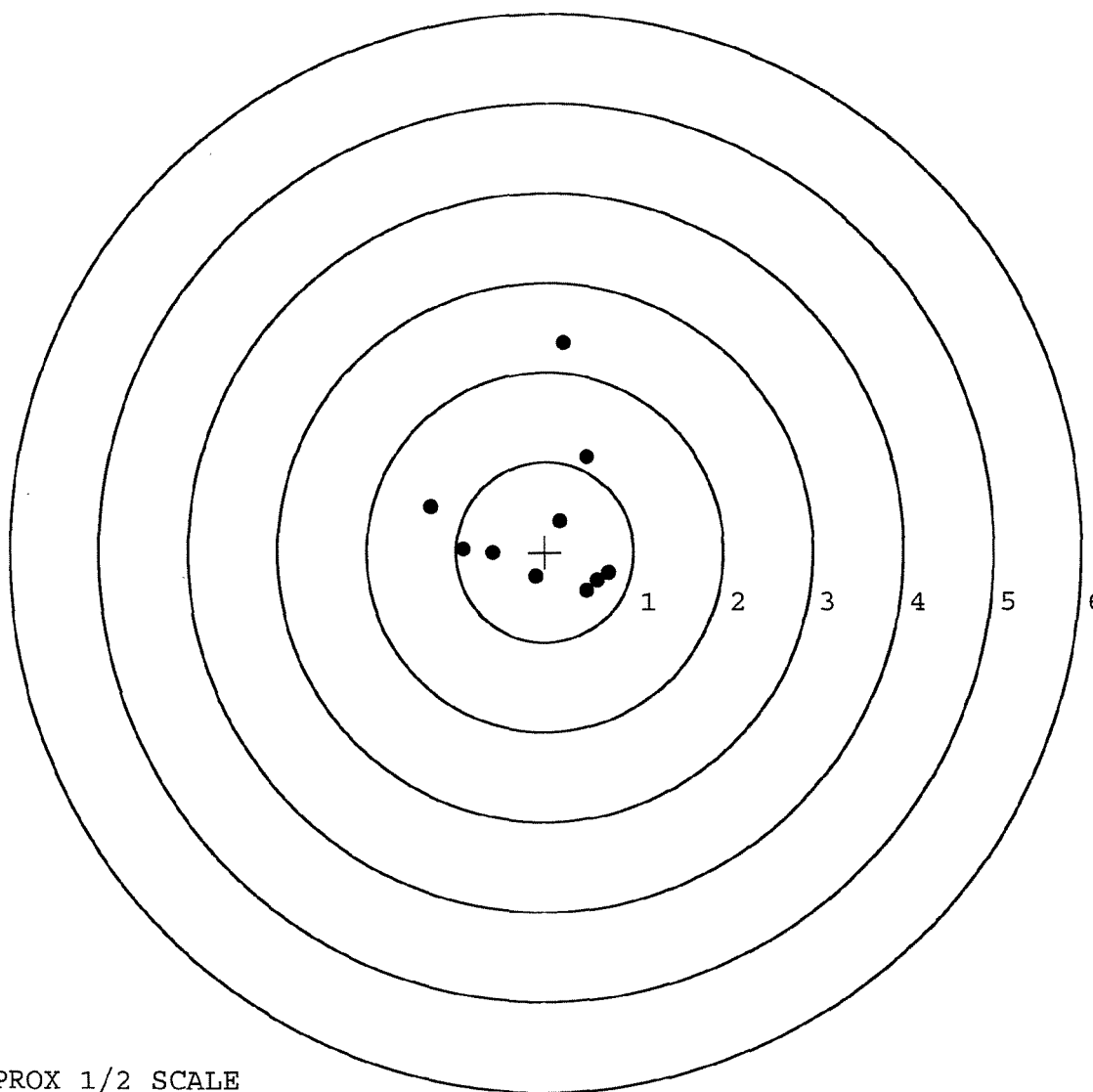
MAX RADIUS: 2.039

MEAN RADIUS: 0.923

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0164553

SERIAL NUMBER: G6590102. __ 0

TARGET NUMBER: 4

FILE DATE: 06/28/2006

FILE TIME: 17:59

POINT#	X	Y
1:	-0.689	0.891
2:	-0.377	1.133
3:	0.247	0.650
4:	1.631	-0.473
5:	0.399	-0.520
6:	0.045	-0.642
7:	0.091	-0.322
8:	-0.144	-0.355
9:	-0.713	-0.593
10:	0.012	-0.412

X CENTROID: 0.050

Y CENTROID: -0.064

POA TO CENTROID: 0.082

HORZ SPREAD: 2.344

VERT SPREAD: 1.775

GROUP SPREAD: 2.691

MIN RADIUS: 0.261

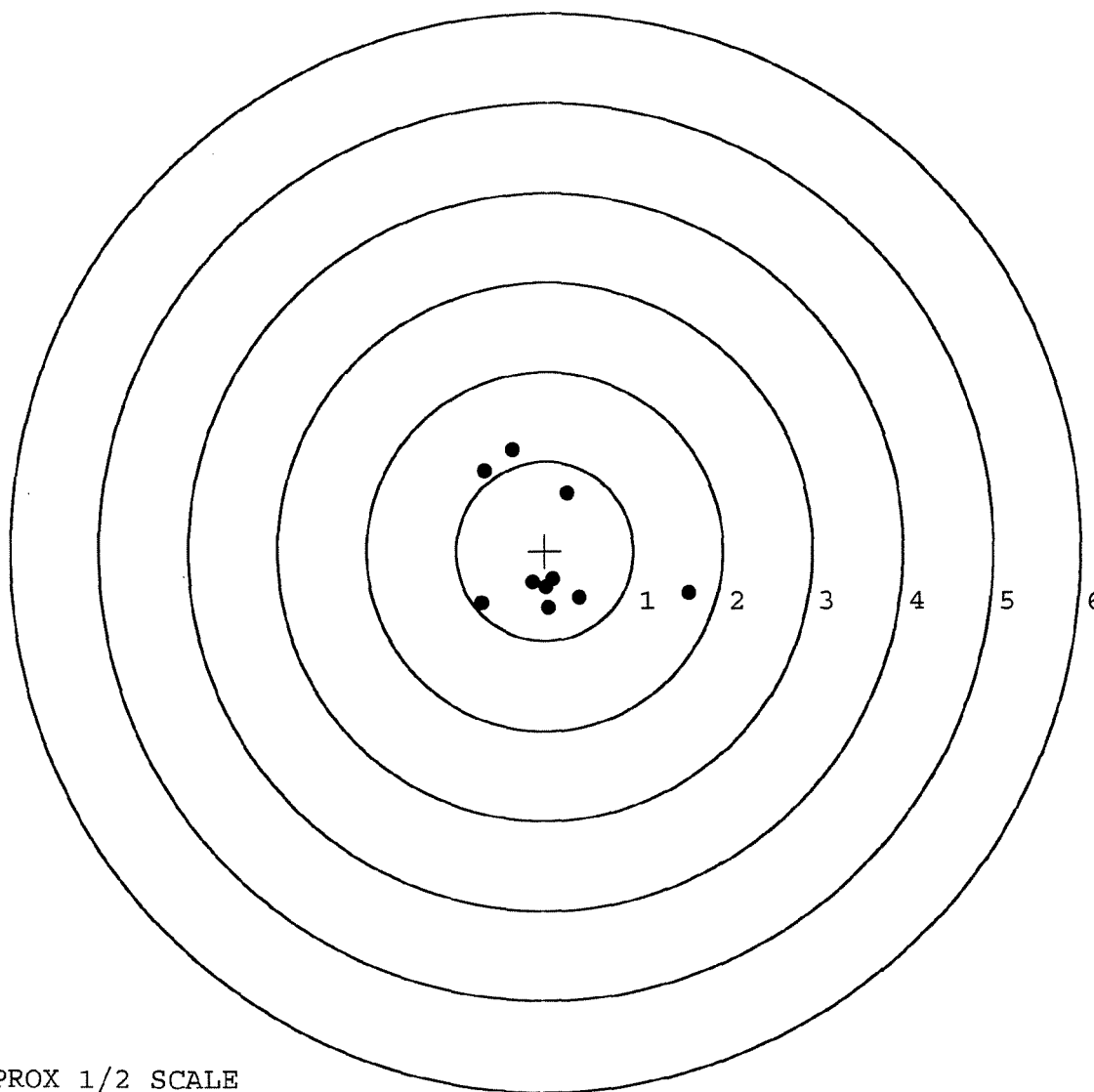
MAX RADIUS: 1.633

MEAN RADIUS: 0.789

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0164554

SERIAL NUMBER: G6590102. 0

TARGET NUMBER: 5

FILE DATE: 06/28/2006

FILE TIME: 17:59

X CENTROID: 0.058

Y CENTROID: -0.275

POA TO CENTROID: 0.281

HORZ SPREAD: 1.798

VERT SPREAD: 2.809

GROUP SPREAD: 2.817

MIN RADIUS: 0.437

MAX RADIUS: 1.547

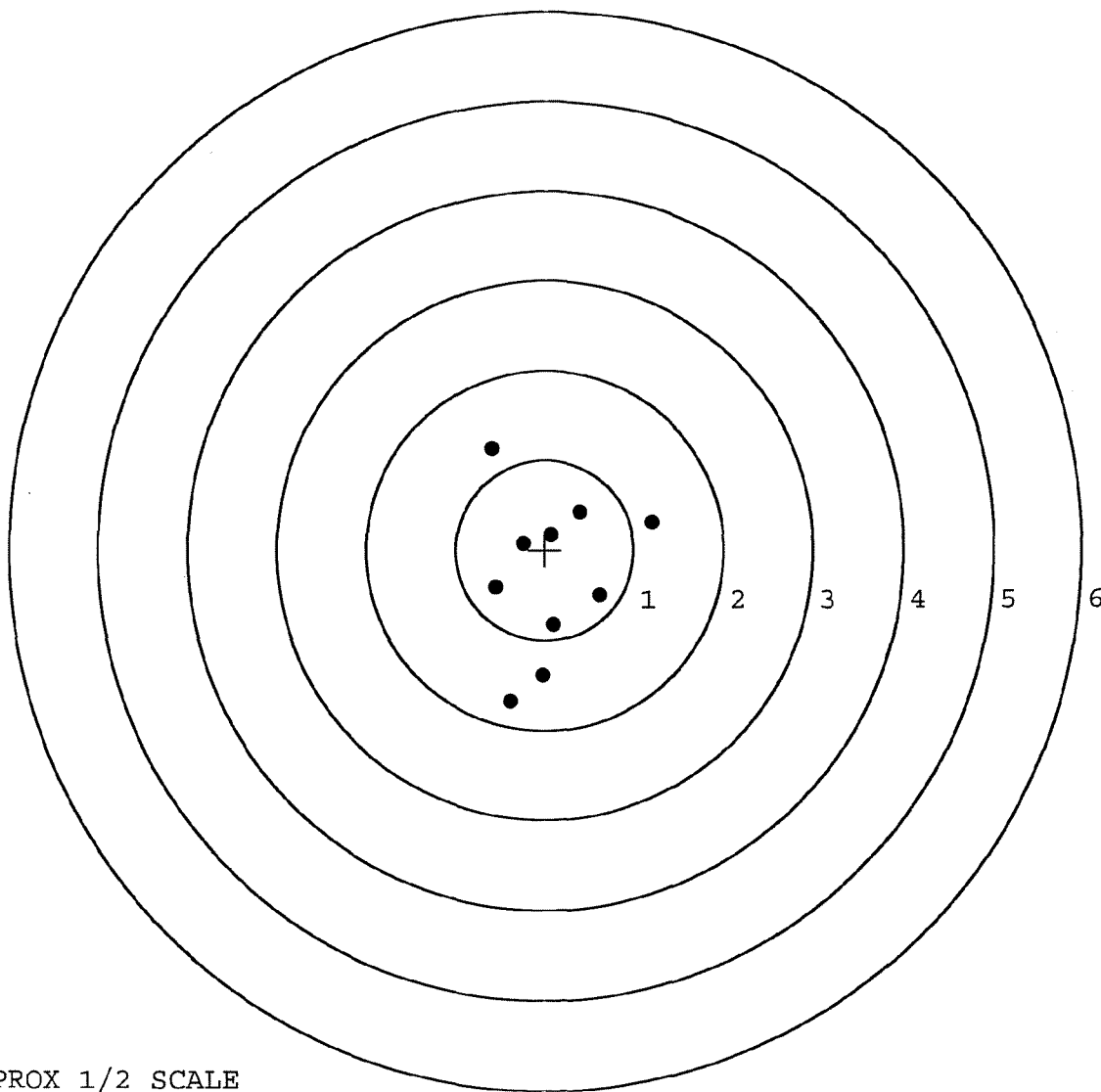
MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.595	1.127
2:	1.203	0.300
3:	0.393	0.425
4:	0.070	0.161
5:	-0.243	0.070
6:	-0.555	-0.416
7:	0.099	-0.836
8:	0.616	-0.506
9:	-0.021	-1.398
10:	-0.389	-1.682



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113472		66590102 New	
SERIAL NUMBER	C6349116			
LOG-IN DATE				
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-20-06	RJZ	
505	RE-BARREL	6-21-06	RJZ	
420	ASSEMBLE	6-21-06	RJZ	
440	PROOF	6-23-06	TRW	
460	CHECK HEADSPACE	6-23-06	TRW	
470	DIS-ASSEMBLE GUN	6-23-06	RJZ	
480	MAGNAFLUX	6-23-06	ccw	
510	DRILL AND TAP	6-23-06	TRW	
500	ROLLMARK CALIBER	6-23-06	cu	
520	GOFF BLAST BBL / REC	6-23-06	CB	
530 & 540	APPLY COATINGS	6-23-06	CB	
560	FINAL ASSEMBLY	6-26-06	L.P.D.	
640	FUNCTION TEST AND	6-28-06	L.P.D.	
650	TARGET	6-28-06	L.P.D.	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	6-30-06	AC	
	A) HEADSPACE	PASS	FAIL	
	B) TRIGGER PULL	N/A		
680	F) SAFETY ON FORCE	4 lbs	4 lbs	4 lbs
	G) SAFETY OFF FORCE	2 lbs	2 lbs	2 lbs
	I) FIRING PIN INDENT	.022	.022	.022
690	PACK	7-6-06	AC	

F006 REV 5/2006

BARBER - M24 0164556 FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER 61111	1b. CUSTOMER UNIT NAME 2501 HUP 226 N	1c. PHONE NO 324-3457	3a. WORK ORDER NUMBER (WON)	3b. SHOP VWR	3c. PHONE NO 4-36112						
2a. SAMS-2 UIC/SAMS-1/DTA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT 61111 226 N	4b. SUPPORT UNIT NAME M R DUL							
SECTION III - EQUIPMENT DATA											
5. TYPE/NT REQ CODE	6. ID	7. NSN 1005-01-240-7136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			16. MILES/KILOMETERS/HOURS/ROUNDS					
8. MODEL M24			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751			16. MILES/KILOMETERS/HOURS/ROUNDS M K					
9. NOUN M24			17. PROJECT CODE			18. ACCOUNT PROCESSING CODE					
10a. ORG WON/DOC NO			10b. EIC			19. IN WARRANTY (enter Y or N)					
11. SERIAL NUMBER 6349016			12. QTY			20. ADMIN NO					
13. PD			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)			22. LEVEL OF WORK					
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			23. SIGNATURE [Signature]			24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Stock smacked, bedding worn, iron firing pin, barrel, no, operator spring is worn, pin is bent by manual failure in direction					
25. REMARKS			26. TECHNICAL REFERENCES 12-00000 Unserviceable Repairable CC 172 1007V, R.T.S.								
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP			
	A27				3100			4.1			
	A27				2128			4.3			
	F25				2100			4.1			
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					
SECTION VI - COMPLETION DATA											
29. QTY RPR			30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME		
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE 6/100		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY	
34b. DATE 6/100		35b. STATUS		35d. TIME		36b. STATUS 6/100		36d. TIME		37b. STATUS 6/100	
37c. DATE		37d. TIME		38b. STATUS		38c. DATE		38d. TIME			

DA FORM 2407, JUL 94

ORGANIZATION COPY 4

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

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

MODEL 700™ H24

SERIAL NO.
C6349116

ORDER NO.
5716

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

Ø1



5716 C6349116

UPC



0 47700 25716 7

GUN SERIAL #

C6349116

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20 89	12-20 89	RW
600	Proof	12-20 89	12-20 89	F
607	Check Headspace	12-20 89	12-20 89	F
610	Dis-assemble Gun	12-20 89	12-20 89	RW
612	Magnaflux Barrel Action	1-5-90	1-5-90	KER
	Magnaflux Bolt	1-5-90	1-5-90	
615	Rollmark Caliber		1/3/90	JS
617	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1/5/90	TJA
	Apply Coating (Bolt)		1/5/90	TJA
625	Final Assembly		1/16/90	WB
	A) Clean inside of Bolt Assembly		1/16/90	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/16/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1-17-90	JS
	G) Safety Off Force	3	3	3			1-17-90	JS
	H) Trigger Pull Test & Retainability						16/1/90	JS
	I) Firing Pin Indent	.020	.020	.020			1-17-90	JS
	J) Assemble Stock						3/9/90	RW
	K) Assemble Swivel Studs						3/9/90	WB
	L) Attach Front and Rear Sight Assemblies						3/9/90	RW
	M) Iron Sight Alignment						3/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/90	RW
	O) Attach Scope to Rifle						3-9-9	JS
	P) Detach & Attach Scope 20 Times						3-9-90	JS
640	Gallery Target & Test						3-9-90	AC
	A) Time						1	AC
	B) Malfunctions							AC
	C) Pierced Primers							AC
	D) Optical Clarity of Scope						✓	AC
645	Inspect for Live Ammo						3-9-90	AC
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.76	2.79	2.66	2.72	2.69	3/13/90	GS
	C) Function						3/13/90	WB
660	Pack						20 March	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349116DATE 16 Jan 98TESTER WSS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.52	2.12	2.76	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.31	2.35	2.79	
PULL #3	2.36	2.17	2.21	2.66	
PULL #4	2.13	2.14	2.20	2.72	
PULL #5	2.00	2.12	2.32	2.69	
TOTAL	11.12	11.26	11.20		
AVG.	2.224	2.252	2.24		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	3.22		
PULL #2	2.77	2.95		
PULL #3	2.95	3.00		
PULL #4	3.10	3.16		
PULL #5	3.68	3.22		
TOTAL	15.44	15.55		
AVG.	3.088	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.10		4.06
PULL #2	4.02	3.68		4.15
PULL #3	3.84	4.11		4.18
PULL #4	3.79	3.80		4.09
PULL #5	3.84	4.14		4.20
TOTAL	19.59	19.83		20.68
AVG.	3.918	3.966		4.136

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349116
9 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.674693
1 TO	2	.725397
1 TO	3	.444627
1 TO	4	.891267
1 TO	5	1.32377

5
4
3 1 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0004
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101201
THE AMR FOR THIS RIFLE IS: .9774

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349118

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HE= 3.271

VS= 1.894

GS= 3.553

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.599	1.413	1.548
MINIMUM X	-1.672	-1.239	-1.063
MAXIMUM Y	.830	.728	.774
MINIMUM Y	-1.064	-1.166	-1.120
CENTROID X	-.259	-.074	-.250
CENTROID Y	-.623	-.521	-.567
POR TO CENTROID in.	.675	.526	.620
MIN RADIUS	.425	.340	.442
MEAN RADIUS	1.000	.865	.791
MAX RADIUS	1.907	1.702	1.544
HORIZONTAL SPREAD	3.271	2.652	1.611
VERTICAL SPREAD	1.894	1.894	1.894
EXTREME SPREAD	3.553	3.064	2.396
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349118

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 2.063

VS= 1.665

GS= 2.065

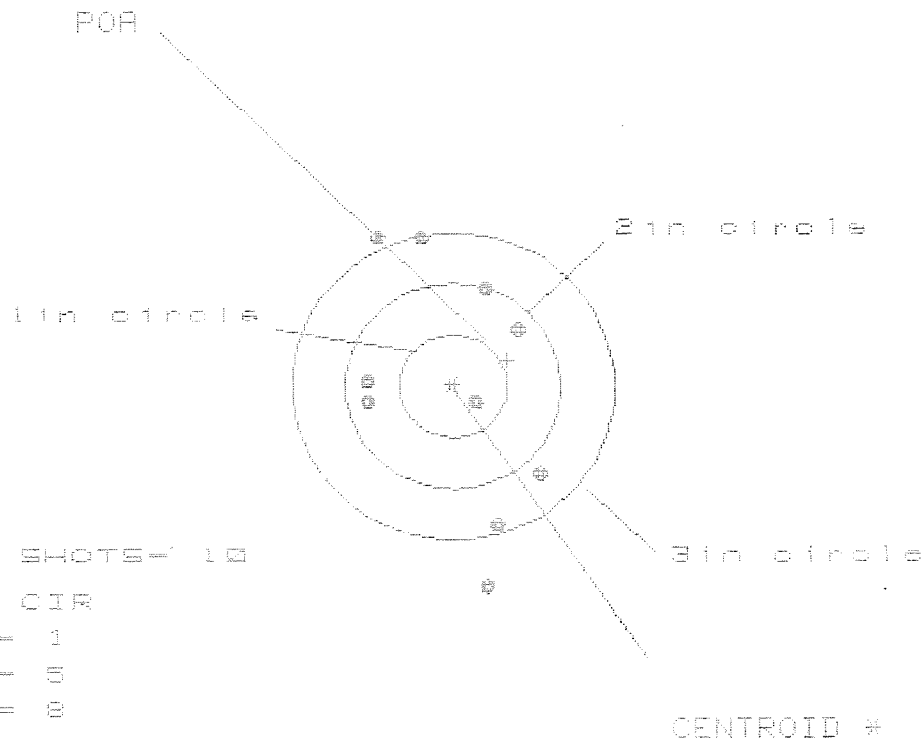
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	.962	.871
MINIMUM X	-.786	-.644	-.524
MAXIMUM Y	.961	.929	.849
MINIMUM Y	-.784	-.736	-.816
CENTROID X	.042	-.100	-.220
CENTROID Y	.037	.069	.149
POA TO CENTROID in.	.056	.121	.266
MIN RADIUS	.415	.326	.235
MEAN RADIUS	.824	.736	.650
MAX RADIUS	1.308	1.156	1.000
HORIZONTAL SPREAD	2.063	1.686	1.395
VERTICAL SPREAD	1.665	1.665	1.665
EXTREME SPREAD	2.095	1.759	1.759
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349116

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HE= 1.643

VS= 3.351

GS= 3.498

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.837

.869

.782

MINIMUM X

-.806

-.774

-.861

MAXIMUM Y

1.438

1.226

1.377

MINIMUM Y

-1.913

-1.583

-1.431

CENTROID X

-.591

-.533

-.446

CENTROID Y

-.258

-.038

-.190

POA TO CENTROID in.

.560

.534

.485

MIN RADIUS

.266

.450

.275

MEAN RADIUS

1.129

1.027

.967

MAX RADIUS

1.934

1.636

1.468

HORIZONTAL SPREAD

1.643

1.643

1.643

VERTICAL SPREAD

3.351

2.809

2.809

EXTREME SPREAD

3.498

3.007

2.888

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

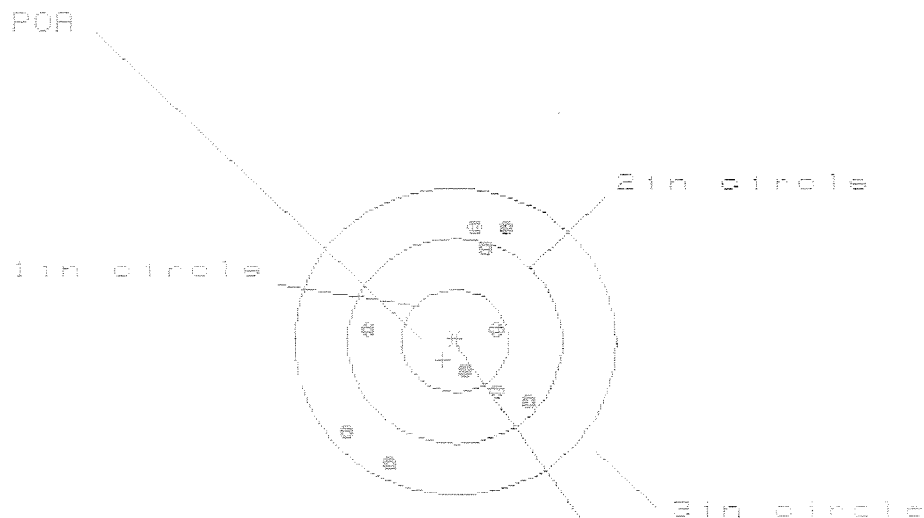
NUMBER IN THREE INCH CIRCLE =

8

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349116

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

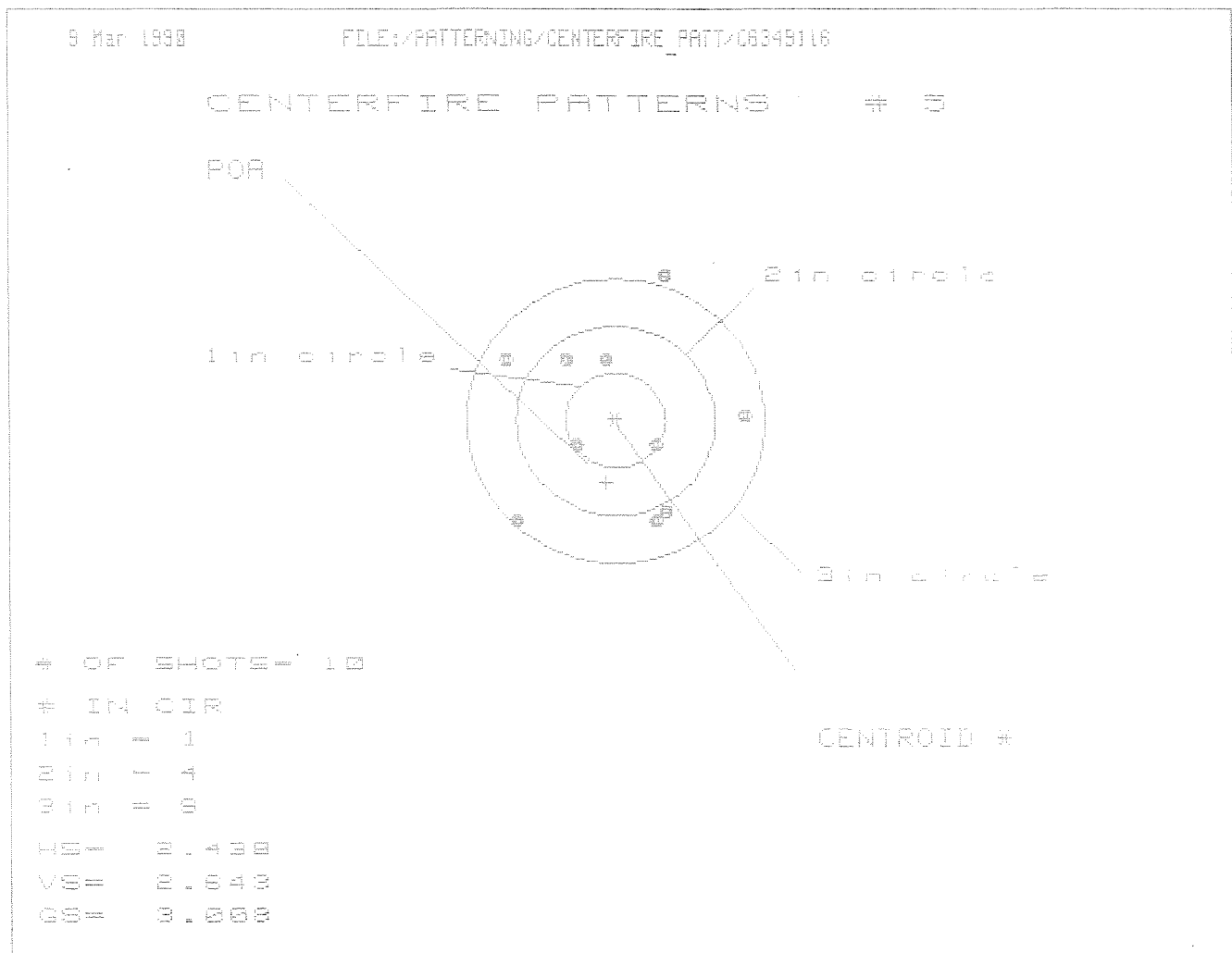
HS = 1.692

VS = 2.299

GS = 2.535

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.650	.534	.446
MINIMUM X	-1.042	-.940	-1.028
MAXIMUM Y	1.135	1.034	.976
MINIMUM Y	-1.164	-1.265	-.809
CENTROID X	.115	.231	.319
CENTROID Y	.186	.287	.445
POA TO CENTROID in.	.219	.368	.547
MIN RADIUS	.354	.254	.238
MEAN RADIUS	.899	.828	.743
MAX RADIUS	1.383	1.445	1.033
HORIZONTAL SPREAD	1.692	1.474	1.474
VERTICAL SPREAD	2.299	2.299	1.685
EXTREME SPREAD	2.535	2.521	1.739
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		



PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.292	1.347	1.231
MINIMUM X	-1.146	-1.091	-1.207
MAXIMUM Y	1.552	.868	.756
MINIMUM Y	-1.091	-.919	-1.031
CENTROID X	.097	.042	.158
CENTROID Y	.652	.480	.592
POA TO CENTROID in.	.660	.482	.613
MIN RADIUS	.427	.305	.430
MEAN RADIUS	1.035	.951	.904
MAX RADIUS	1.629	1.365	1.387
HORIZONTAL SPREAD	2.438	2.438	2.438
VERTICAL SPREAD	2.643	1.787	1.787
EXTREME SPREAD	3.008	2.532	2.504
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

BARBER M24-0164568

COMMENTS

ORDER

R 97-01053

INITIAL CUSTOMER ORDER NO.

M-24 SNIPER
W/LEUPOLD ULTRA 10X SCOPE

DATE RECEIVED DATE OPENED DATE CODE SERIAL NUMBER NEW SERIAL NUMBER MODEL AND GRADE

01/14/97 01/14/97 XJ 12-89 C6349116 700 7.62 NATO

ACCESSORIES

SOFT CASE SCOPE MNTS SCOPE BASE, Bipod

FROM:

SHIP TO:

COMMANDER
HHC 1-501 INF WH9RTO
600 RICHARDSON DRIVE
FT RICHARDSON

AK 99505

COMMANDER
HHC 1-501 INF WH9RTO
600 RICHARDSON DRIVE
FT RICHARDSON

AK 99505

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO: 159557 C.O.D.

PROM. DATE

ESTIMATED

VIA

WRITE ☐

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

W52 H097 063 HS 44

PARTS

COMMENTS

Barrel - 96003	Re powder Coat Trigger Guard
Stock - 96018	ASSY, Front & Rear Sight Bases
Soft Case - 96076	Re zinc Scope Base, Rings & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
Rw	✓	✓	✓	✓	✓
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
Rw	1/17/97	2/27/97	2/28/97	2/28/97	

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0164568 64607

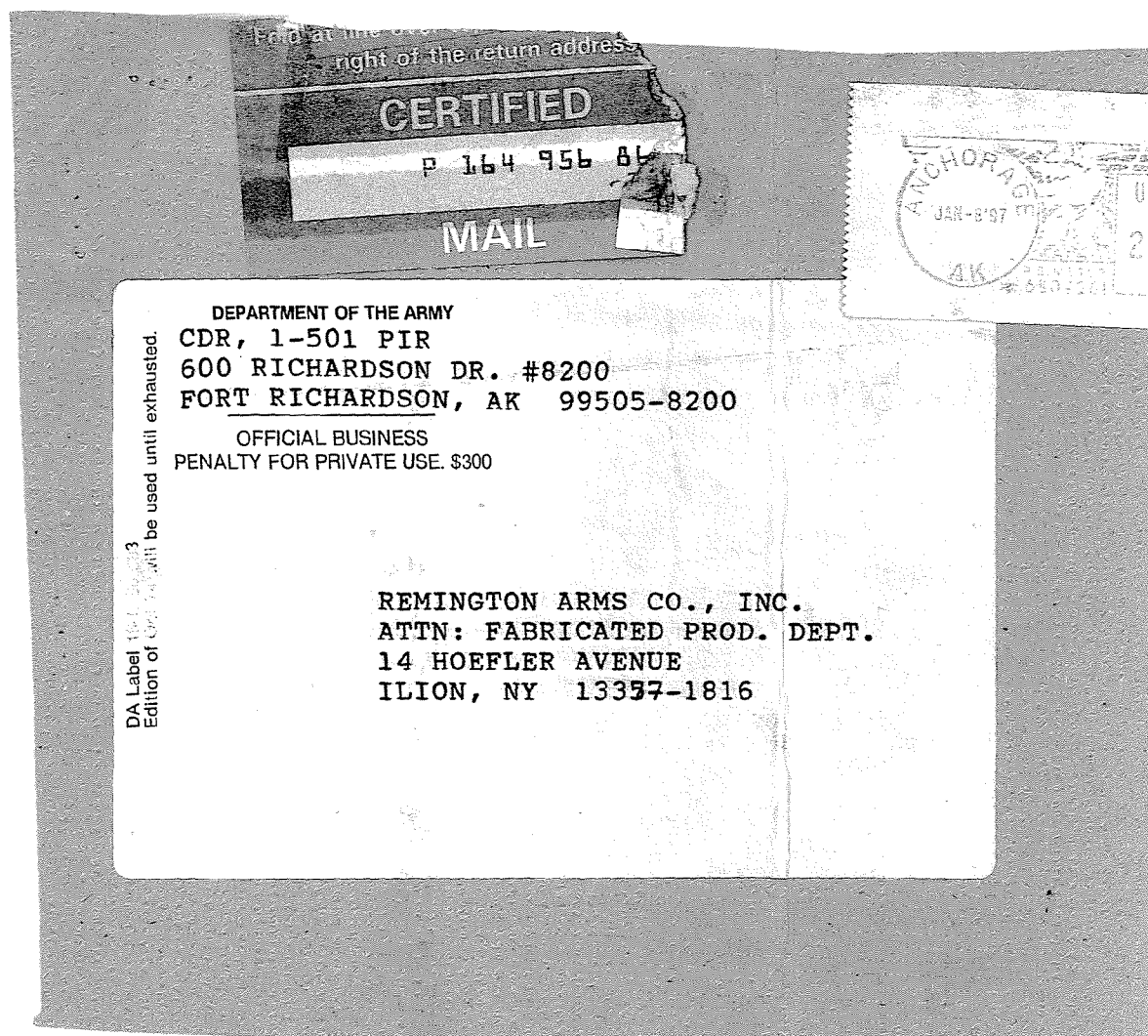
DD FORM 1348-1 (6 PT)	1 MAR 74	EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED	DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT
--------------------------	----------	--	---

DD FORM 1348-1
(6 PT)

1 MAR 74

EDITION OF 1 JAN 64 MAY BE USED
UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT



21 DAY TURN - AROUND

New Barrel,
Stock

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6349116

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. # OP. NAME

550 DIS-ASSEMBLE GUN

560 A RE-BARREL AT CUSTOM SHOP

B DRILL & TAP

C POLISH

575 ASSEMBLE

600 PROOF

605 CHECK HEADSPACE

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

B TRIGGER PULL TEST

C SAFETY ON FORCE

D SAFETY OFF FORCE

E FIRING PIN INDENT

640 TARGET

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

1/17/97 RW
3/4/97 RW2/28/97 AC
3/4/97 RW

Final Inspection

Sn: C6349116

DATE REC'D: 1/14/92

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

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

SCOPE ASSY.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

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

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: _____

BARBER - M24 0164574

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349116
3 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0024
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2692
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .269211

THE AMR FOR THIS RIFLE IS: 1.192

CENTROIDAL DISTANCES

0 TO 1	.231525
1 TO 2	.67008
1 TO 3	.416515
1 TO 4	.838776
1 TO 5	.318002

4

3

1

5

2<----POA

REMINGTON CENTERFIRE ACCURACY TEST

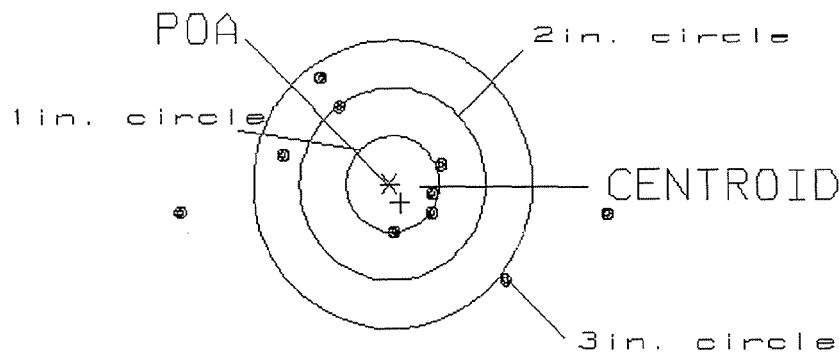
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .231
 MIN RADIUS : .435
 MEAN RADIUS : 1.181
 MAX RADIUS : 2.329
 CENTROID X : -.120
 CENTROID Y : .198

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349116

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.59

2

VS= 2.18

4

GS= 4.59

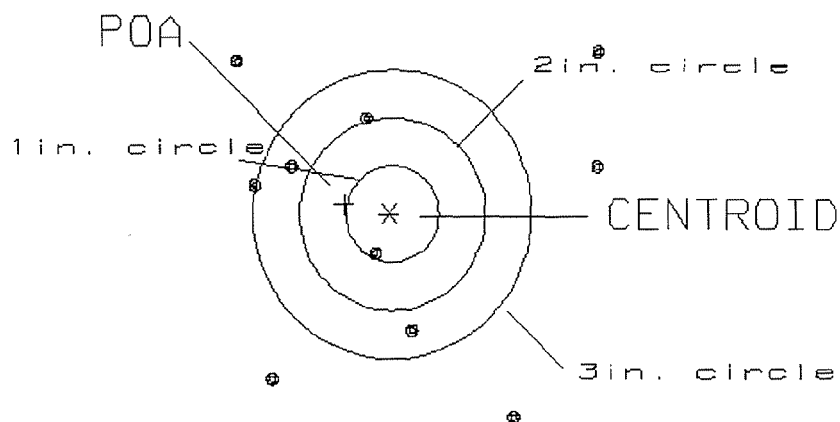
7

PATTERN #: 2
 POA TO CENTROID: .493
 MIN RADIUS : .416
 MEAN RADIUS : 1.719
 MAX RADIUS : 2.724
 CENTROID X : .484
 CENTROID Y : -.094

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349116

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.85

1

VS= 3.74

2

GS= 4.80

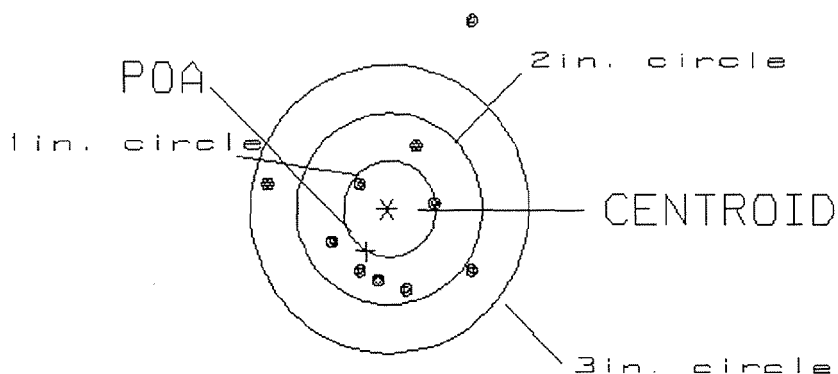
4

PATTERN #: 3
 POA TO CENTROID: .491
 MIN RADIUS : .393
 MEAN RADIUS : .919
 MAX RADIUS : 2.119
 CENTROID X : .219
 CENTROID Y : .440

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349116

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.24

1

VS= 2.78

7

GS= 2.87

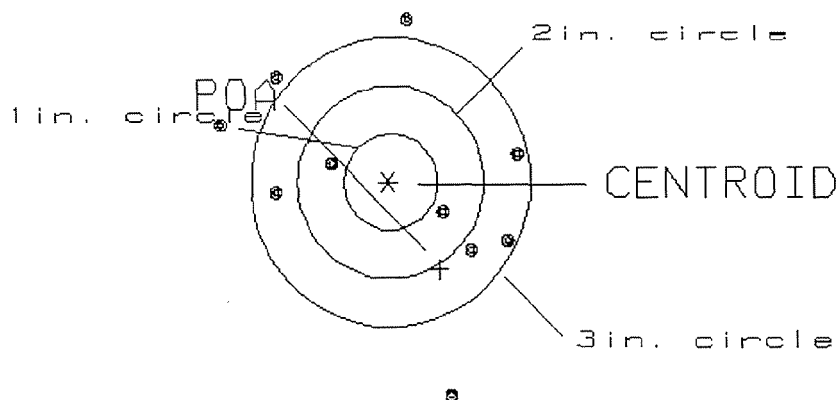
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: 1.070
 MIN RADIUS : .603
 MEAN RADIUS : 1.394
 MAX RADIUS : 2.295
 CENTROID X : -.565
 CENTROID Y : .909

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349116

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.16

0

VS= 3.92

2

GS= 3.95

6

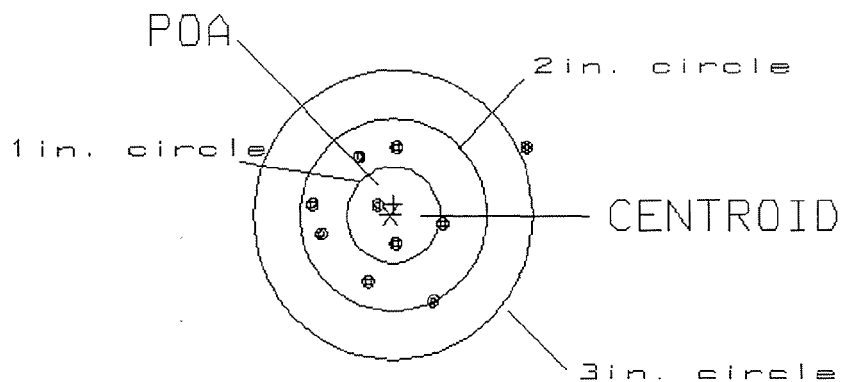
PATTERN #: 5

POA TO CENTROID: .111
 MIN RADIUS : .178
 MEAN RADIUS : .747
 MAX RADIUS : 1.590
 CENTROID X : -.030
 CENTROID Y : -.107

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349116

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.36

2

VS= 1.56

9

GS= 2.42

9

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0164580

COMMENTS

ORDER

R 98-10689

MER ORDER NO.

W/LEUPOLD 10X SCOPE

JJM

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
05/13/98	05/13/98	BR 1-97	C6349116		700 7.62 NATO
ACCESSORIES SOFT CASE SCOPE MNTS SCOPE BASE					

FROM:

SHIP TO:

COMMANDER
HHC 1-501 P.I.R WH9RTO
600 RICHARDSON DRIVE
FT RICHARDSON

AK 99505

COMMANDER
HHC 1-501 P.I.R WH9RTO
600 RICHARDSON DRIVE
FT RICHARDSON

AK

99505

CUST NO: 159557 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

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

Broken Trigger

PARTS

COMMENTS

Trigger Assy - 96024

Clean & Bench Test

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW		☒			
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
		6-4-98			

OFFICE COPY

RD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0164580 164619

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO 1	NO OF PAGES 1	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER 49999999	1b. CUSTOMER UNIT NAME HHC 1501	1c. PHONE NO 984-3557	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID 1005-01-240-2136	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M24			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K		
9. NOUN Sniper Weapon System			16. MILES/KILOMETERS/HOURS/ROUNDS H R				
10a. ORG WON/DOC NO 80995101		10b. EIC	17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	19. IN WARRANTY (enter Y or N)	20. ADMIN NO
11. SERIAL NUMBER 66349116		12. QTY 1	13. PD 12		21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			22. LEVEL OF WORK		23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) BROKEN TRIGGER (Repair as needed)							
25. REMARKS DOC # 80995101							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I				SECTION III (Cont'd)			
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II							
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III							
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY YOUNG, C 35a. ACCEPTED BY J.P. 118 35c. DATE 98118				Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.			
34b. DATE 35b. STATUS 35d. TIME							

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Trigger Assy

R&E NO.

SERIAL NO. C6349116

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	6-4-98	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE	<u>5</u>	<u>5</u> <u>5</u> RW
D	SAFETY OFF FORCE	<u>3</u>	<u>3</u> <u>3</u> RW
E	FIRING PIN INDENT		
640,	TARGET		
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6749116

DATE REC'D: 5-13-98

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

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

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ Finish
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ Stock
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349116DATE 6-4-98TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.23	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.47	2.42	
PULL #3	2.30	2.44	2.42	
PULL #4	2.29	2.43	2.45	
PULL #5	2.38	2.46	2.39	
TOTAL	11.91	12.03	12.14	
AVG.	2.38	2.41	2.43	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.23	3.08	
PULL #2	3.14	3.00	
PULL #3	3.22	3.16	
PULL #4	3.19	3.10	
PULL #5	3.12	3.19	
TOTAL	15.90	15.53	
AVG.	3.18	3.11	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.15		4.30
PULL #2	4.15	4.01		4.30
PULL #3	4.23	4.14		4.23
PULL #4	3.93	4.17		4.16
PULL #5	4.18	4.27		3.91
TOTAL	20.77	20.74		20.90
AVG.	4.15	4.15		4.18