

66738612
Replaces
C 622.5311

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: RE00147682 Serial: C6225311 Model M24 SWS Center Fire Repairman: Status: Closed 7/17/2008 6:22:25 AM
Verify Repair Caliber: 7.62 NATO

Address Information

Customer: Received From Return To: Received From
Name: PBO 1/75 RANGER REGIMENT PBO 1/75 RANGER REGIMENT
Address 1: ATTN: WO1 CURTIS B MATHIS ATTN: WO1 CURTIS B MATHIS
Address 2: 1036 LIBERATOR RD PO Box: 1036 LIBERATOR RD PO Box:
City: HUNTER AAF HUNTER AAF
State: GA Zip Code: 31409 Country: US State: GA Zip Code: 31409 Country: US
FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Condition: Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

nagletj 7/17/2008 8:10 AM CAPS NUM INS SCRL

start 10 Mic... Exclde Mail... 8 Micros... Arms Ser... Part Sear... 8:10 AM

G6738612 (New)

Number: ~~C6225311~~

Model: M24 SWS



RE00147682

Reset

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 147682
SERIAL NUMBER ~~G6223371~~ G6738612 (New)
LOG-IN DATE 7-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-29-08	RTZ
505	RE-BARREL	9-30-08	RTZ
560	ASSEMBLE	9-30-08	RTZ
600	PROOF	10-2-08	SPD.
605	CHECK HEADSPACE	10-2-08	SPD.
610	DIS-ASSEMBLE GUN	10-2-08	SPD.
612	MAGNAFLUX	10/8/08	(R)
510	DRILL AND TAP	10-6-08	JS
615	ROLLMARK CALIBER	10/9/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-11	
625	FINAL ASSEMBLY	10-13-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 10-16-08	TC
650	TARGET	PASS FAIL 11-16-08	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-16-08	PSN
	A) HEADSPACE	PASS FAIL 10-22-08	SPD.
	B) TRIGGER PULL	2.27 2.28 2.27 2.33 2.24	10-17-08 TC
680	F) SAFETY ON FORCE	4.0 4.0 4.0	10-21-08 SPD.
	G) SAFETY OFF FORCE	6.0 6.0 6.0	10-21-08 SPD.
	I) FIRING PIN INDENT	.023 .023 .024	10-21-08 SPD.
690	PACK		10/22/08 FM

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE

9-25-08

TESTER

TAE

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	220	205		219	
PULL #2	212	205		216	
PULL #3	208	206		217	
PULL #4	213	242		214	
PULL #5	214	250		216	
TOTAL	1067	1108		1082	
AVERAGE	213	221		216	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	330	365		
PULL #2	328	351		
PULL #3	321	350		
PULL #4	319	353		
PULL #5	319	348		
TOTAL	1617	1767		
AVERAGE	323	353		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	476	475		475
PULL #2	481	472		459
PULL #3	482	479		465
PULL #4	442	476		461
PULL #5	487	475		451
TOTAL	2368	2377		2311
AVERAGE	473	475		462

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6738612.___0
FILE DATE AND TIME: 10/17/2008 06:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.116
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.638
The Distance from POA to Centroid Target #1:	0.364
The Distance from Centroid Target #2 to Centroid Target #1:	0.297
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.571
The Distance from Centroid Target #5 to Centroid Target #1:	0.584

SERIAL NUMBER: G6738612. 0

TARGET NUMBER: 1

FILE DATE: 10/17/2008

FILE TIME: 06:12

POINT#	X	Y
1:	1.635	-1.421
2:	0.747	-0.900
3:	0.522	-0.214
4:	0.580	0.038
5:	0.224	0.224
6:	0.009	-0.249
7:	-0.302	0.076
8:	-0.635	0.014
9:	-0.628	-0.211
10:	-0.397	-0.549

X CENTROID: 0.176

Y CENTROID: -0.319

POA TO CENTROID: 0.364

HORZ SPREAD: 2.270

VERT SPREAD: 1.645

GROUP SPREAD: 2.686

MIN RADIUS: 0.181

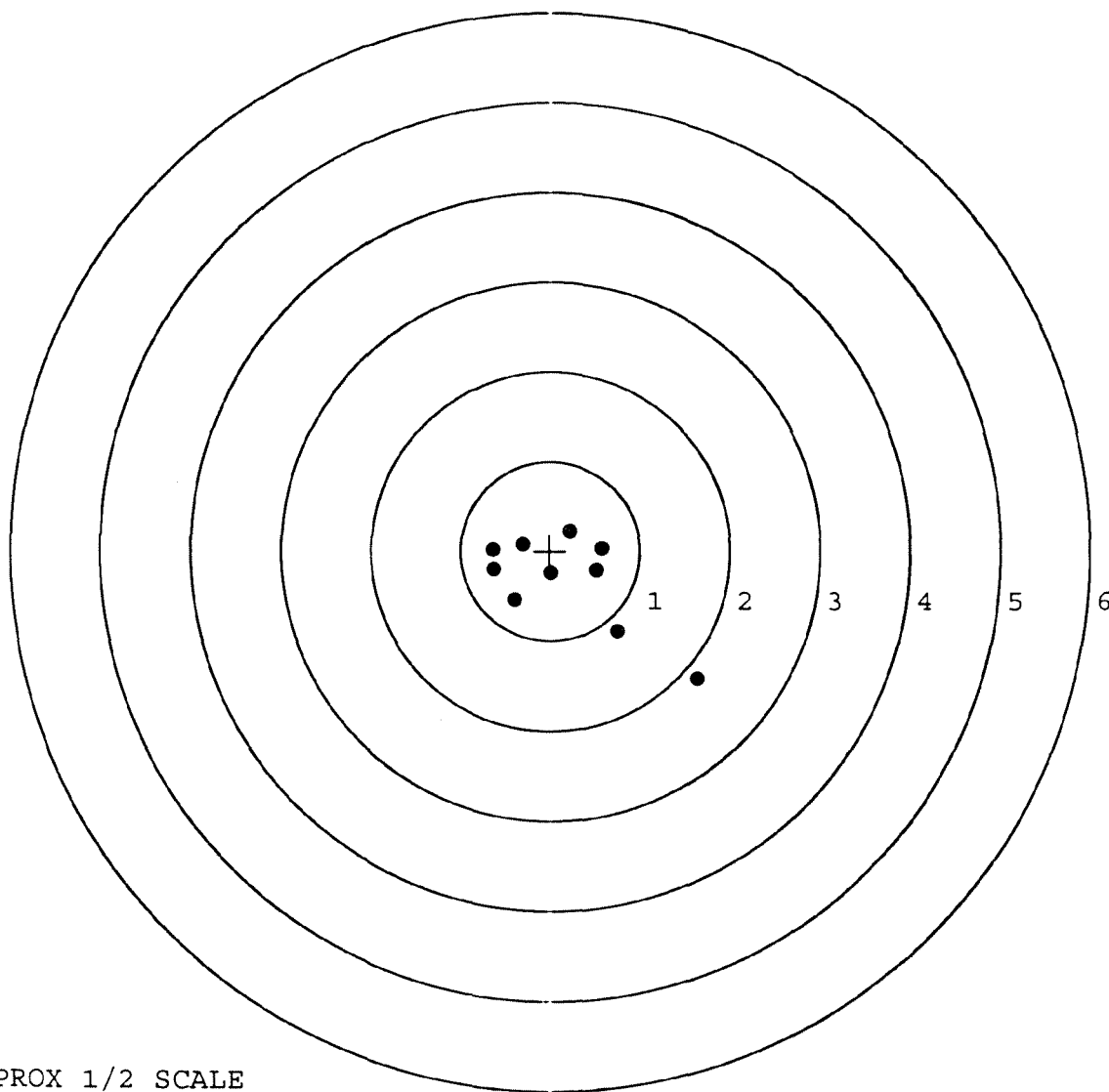
MAX RADIUS: 1.829

MEAN RADIUS: 0.720

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612. __0

TARGET NUMBER: 2

FILE DATE: 10/17/2008

FILE TIME: 06:12

POINT#	X	Y
1:	0.827	-0.419
2:	0.960	0.263
3:	0.173	0.655
4:	-0.245	0.564
5:	-0.058	0.380
6:	0.232	0.002
7:	0.333	-0.237
8:	0.097	-0.248
9:	0.192	-0.597
10:	-0.266	-0.629

X CENTROID: 0.224

Y CENTROID: -0.027

POA TO CENTROID: 0.226

HORZ SPREAD: 1.226

VERT SPREAD: 1.284

GROUP SPREAD: 1.516

MIN RADIUS: 0.030

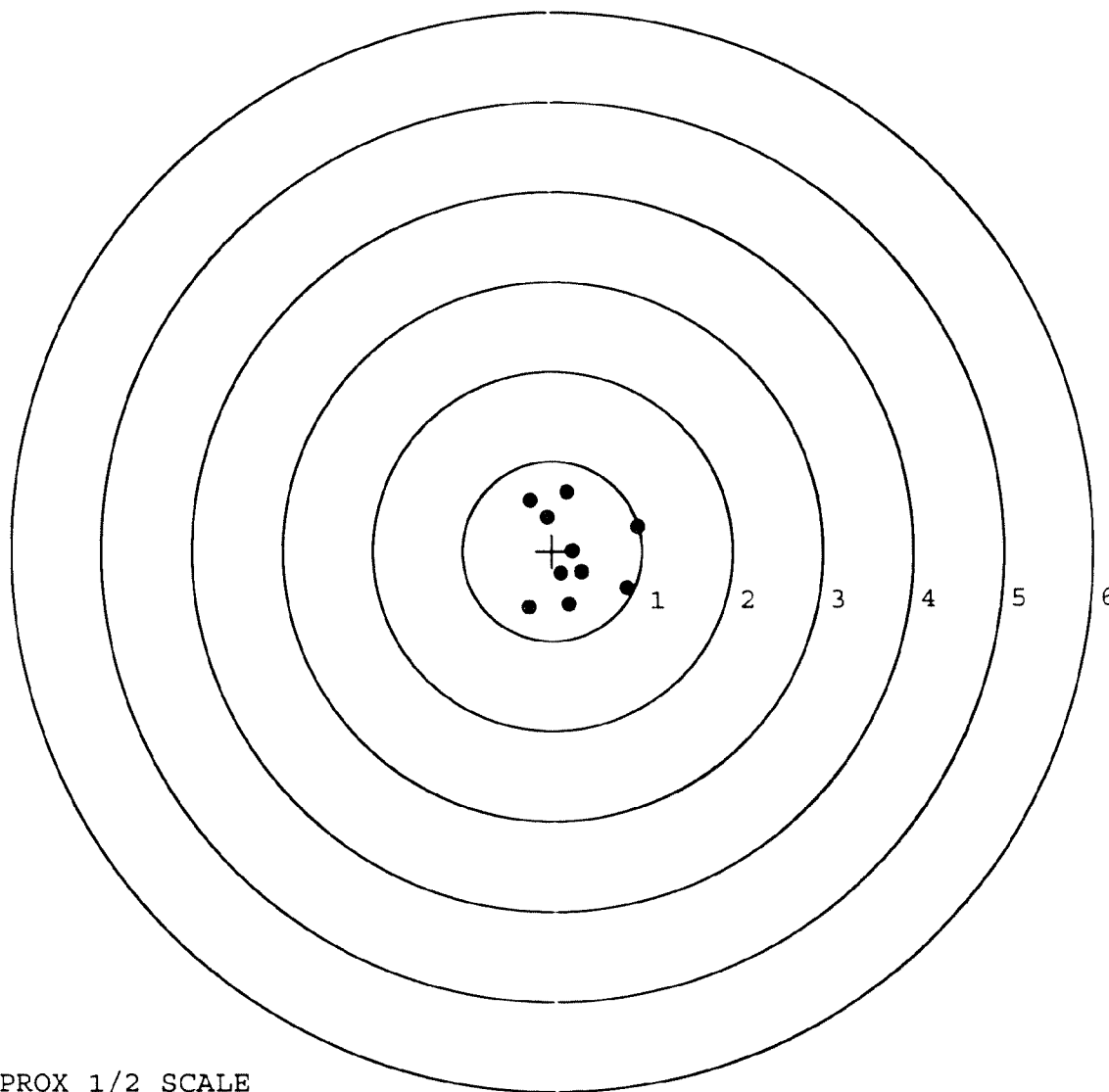
MAX RADIUS: 0.790

MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612. __0

TARGET NUMBER: 3

FILE DATE: 10/17/2008

FILE TIME: 06:12

POINT#	X	Y
1:	1.433	-0.669
2:	0.520	0.004
3:	0.215	0.116
4:	0.184	0.524
5:	-0.316	0.105
6:	-0.968	0.188
7:	-0.048	-0.273
8:	0.007	-0.526
9:	0.272	-0.629
10:	-0.096	-1.107

X CENTROID: 0.120

Y CENTROID: -0.227

POA TO CENTROID: 0.257

HORZ SPREAD: 2.401

VERT SPREAD: 1.631

GROUP SPREAD: 2.549

MIN RADIUS: 0.175

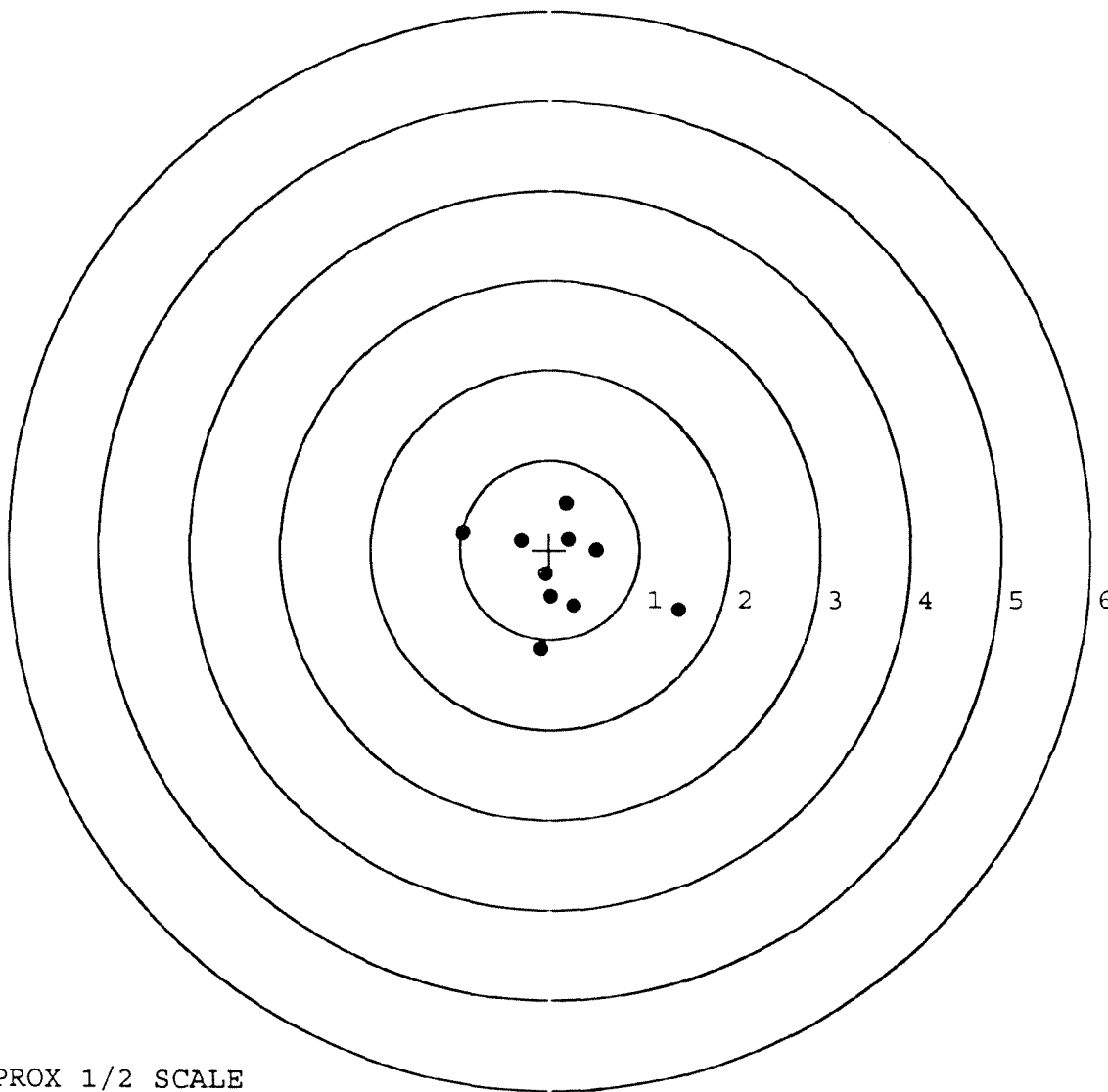
MAX RADIUS: 1.385

MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612. __ 0

TARGET NUMBER: 4

FILE DATE: 10/17/2008

FILE TIME: 06:12

POINT#	X	Y
1:	-0.010	-1.198
2:	-0.057	-0.414
3:	-0.540	-0.248
4:	-0.961	-0.188
5:	-0.236	0.034
6:	-0.044	0.422
7:	-0.260	0.695
8:	0.412	0.392
9:	0.531	0.737
10:	-0.062	1.448

X CENTROID: -0.123

Y CENTROID: 0.168

POA TO CENTROID: 0.208

HORZ SPREAD: 1.492

VERT SPREAD: 2.646

GROUP SPREAD: 2.647

MIN RADIUS: 0.175

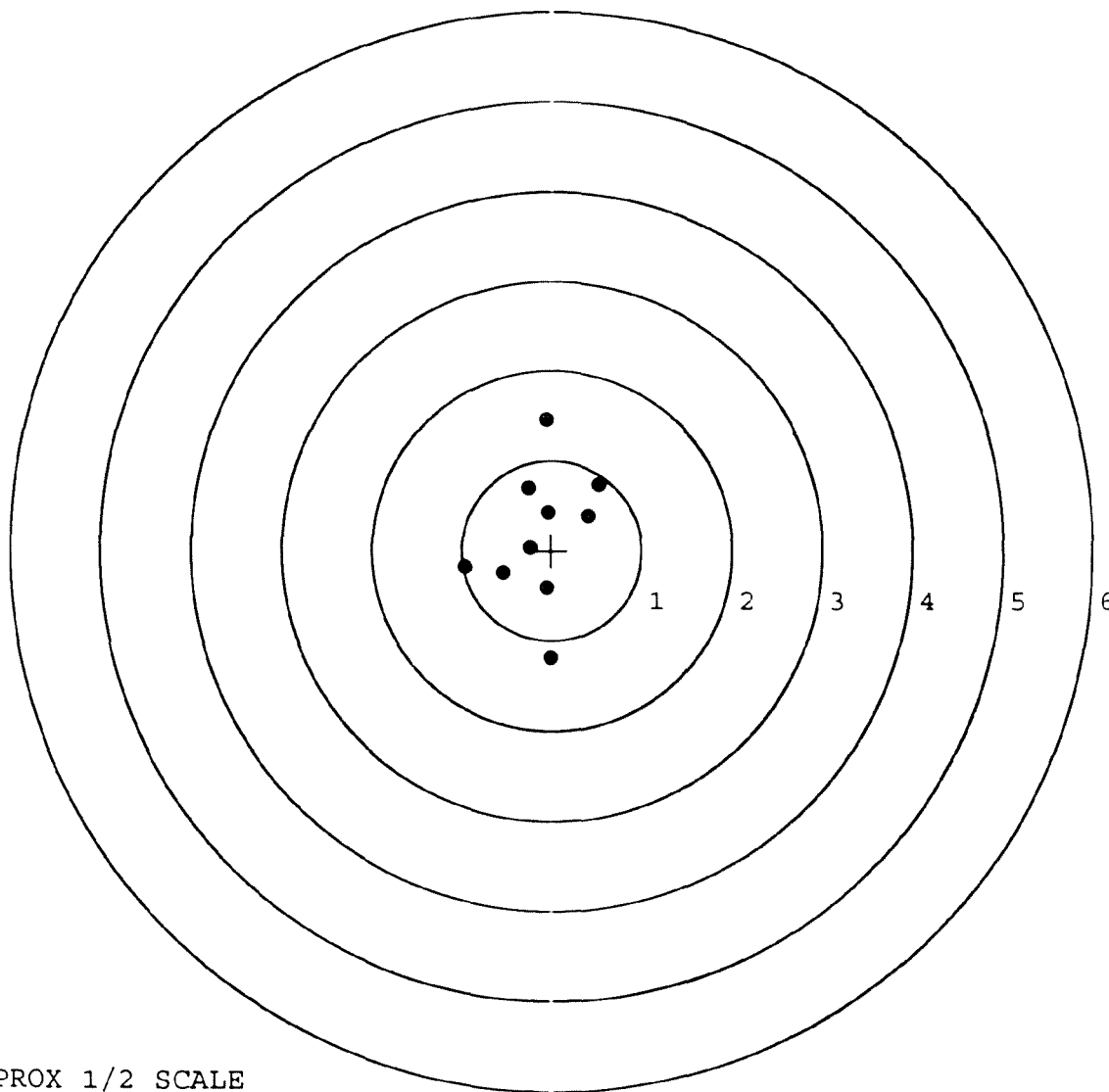
MAX RADIUS: 1.371

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612. __0

TARGET NUMBER: 5

FILE DATE: 10/17/2008

FILE TIME: 06:12

POINT#	X	Y
1:	1.157	0.291
2:	-0.255	1.115
3:	-0.263	0.667
4:	-0.502	0.340
5:	-0.172	0.353
6:	0.235	0.229
7:	0.496	0.421
8:	0.342	-0.038
9:	0.536	-0.307
10:	0.267	-0.422

X CENTROID: 0.184

Y CENTROID: 0.265

POA TO CENTROID: 0.323

HORZ SPREAD: 1.659

VERT SPREAD: 1.537

GROUP SPREAD: 1.660

MIN RADIUS: 0.062

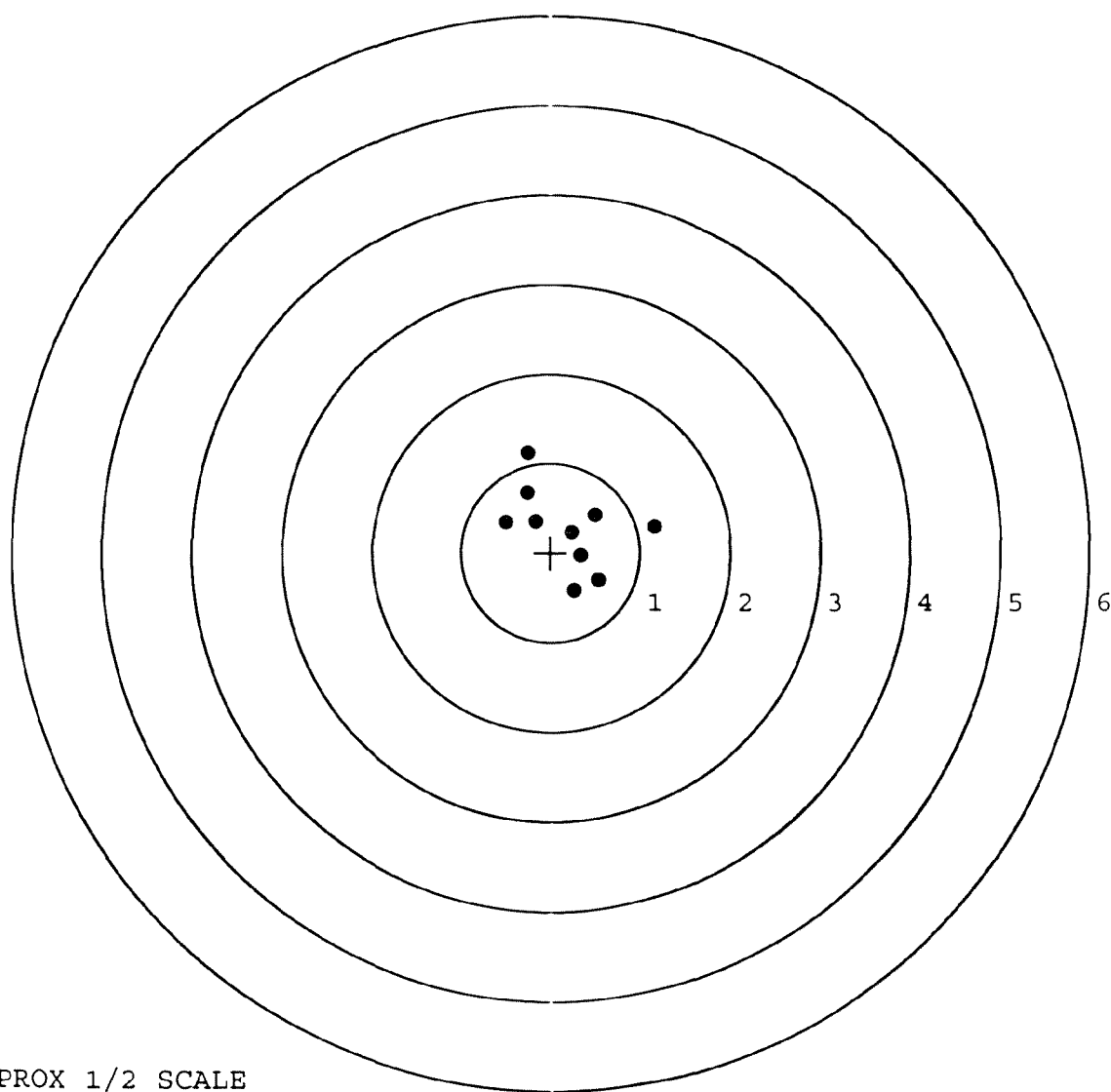
MAX RADIUS: 0.973

MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225311

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	RJE
	Magnaflux Bolt		9-14-88	RJE
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/7/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/7/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		8/10/88	JU
	F) Safety on Force	4 4 4	14/10/88	JSS
	G) Safety off Force	3 3 3	14/10/88	JSS
	H) Trigger Pull Test & Retainability		8/10/88	JU
	I) Firing Pin Indent	.020 .020 .020	14/10/88	JSS
	J) Assemble Stock		11/14/88	RW
	K) Assemble Swivel Studs		30/NOV/88	JSS
	L) Attach Front & Rear Sight Assemblies		11/14/88	RW
	M) Iron Sight Alignment		11/14/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/14/88	RW
	O) Attach Scope to Rifle		11/14/88	W.B.
	P) Detach & Attach Scope 20 times		11/14/88	W.B.
640	Gallery Target & Test	57R 96L	11/16/88	DH
	A) Optical Clarity of Scope		11/16/88	DH
645	Inspect for Live Ammo		11/16/88	DH
655	Final Inspection			
	A) Headspace		30/NOV/88	JSS
	B) Trigger Pull		30/NOV/88	JSS
	C) Function		30/NOV/88	JSS
660	Pack		15Dec88	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 6225311DATE 11-8-88TESTER JZ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.47	2.58	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.50	2.59	2.67	
PULL #3	2.53	2.49	2.57	2.65	
PULL #4	2.52	2.48	2.63	2.61	
PULL #5	2.51	2.51	2.59	2.65	
TOTAL	12.61	12.45	12.96	13.22	
AVG.	2.522	2.490	2.592	2.644	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.08		
PULL #2	3.15	3.11		
PULL #3	3.13	3.11		
PULL #4	3.15	3.12		
PULL #5	3.10	3.13		
TOTAL	15.63	15.55		
AVG.	3.126	3.110		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.26		4.05
PULL #2	4.33	4.37		4.16
PULL #3	4.31	4.27		4.18
PULL #4	4.31	4.34		4.20
PULL #5	4.30	4.27		4.23
TOTAL	21.63	21.51		20.82
AVG.	4.326	4.302		4.164

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225311

CENTROIDAL DISTANCES

0 TO	1	.250138
1 TO	2	.280863
1 TO	3	.237968
1 TO	4	.124101
1 TO	5	.405031

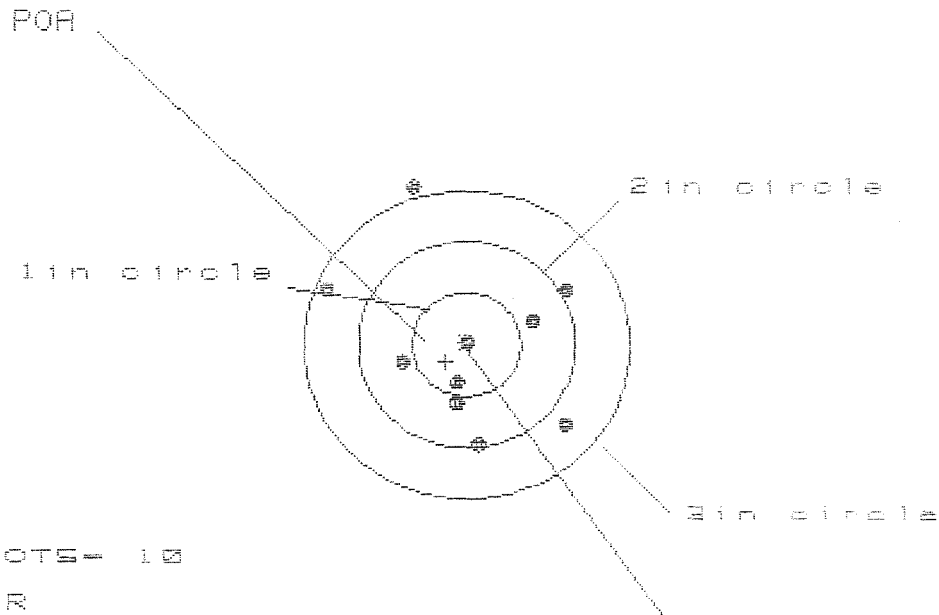
5¹⁴ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115708
THE AMR FOR THIS RIFLE IS: .9682

17 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS225311

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.232

VS = 2.417

GS = 2.635

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.929	.873	.763
MINIMUM X	-1.303	-1.359	-.815
MAXIMUM Y	1.489	.797	.788
MINIMUM Y	-.928	-.762	-.674
CENTROID X	.188	.244	.414
CENTROID Y	.165	-.001	-.089
POA TO CENTROID in.	.250	.244	.423
MIN RADIUS	.043	.170	.302
MEAN RADIUS	.843	.736	.637
MAX RADIUS	1.571	1.532	1.056
HORIZONTAL SPREAD	2.232	2.232	1.518
VERTICAL SPREAD	2.417	1.469	1.462
EXTREME SPREAD	2.635	2.542	1.699
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

17 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225311

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 7

HS = 3.258

VS = 2.199

GS = 3.334

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.845	1.281	1.130
MINIMUM X	-1.413	-1.208	-1.230
MAXIMUM Y	.921	.945	.906
MINIMUM Y	-1.278	-1.254	-1.136
CENTROID X	.148	-.057	.094
CENTROID Y	-.113	-.137	-.255
POA TO CENTROID in.	.186	.148	.272
MIN RADIUS	.238	.183	.099
MEAN RADIUS	1.095	.982	.910
MAX RADIUS	1.857	1.793	1.602
HORIZONTAL SPREAD	3.258	2.489	2.360
VERTICAL SPREAD	2.199	2.199	2.042
EXTREME SPREAD	3.334	3.321	2.454
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

17 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225311

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.748

VS = 2.799

GS = 2.939

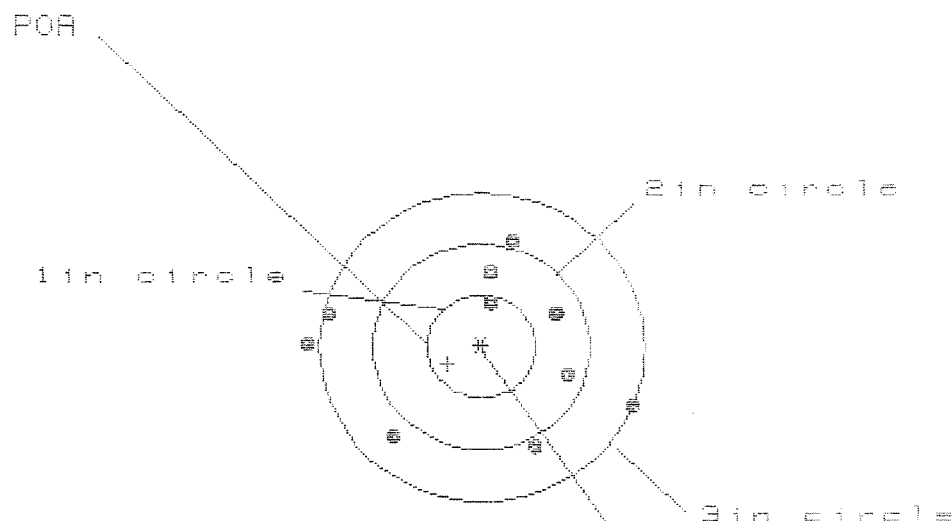
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.288
MINIMUM X	-1.468
MAXIMUM Y	1.182
MINIMUM Y	-1.617
CENTROID X	.086
CENTROID Y	-.059
POR TO CENTROID in.	.099
MIN RADIUS	.472
MEAN RADIUS	1.058
MAX RADIUS	1.754
HORIZONTAL SPREAD	2.748
VERTICAL SPREAD	2.799
EXTREME SPREAD	2.939
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

17 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225311

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.959

VS= 1.991

GS= 3.031

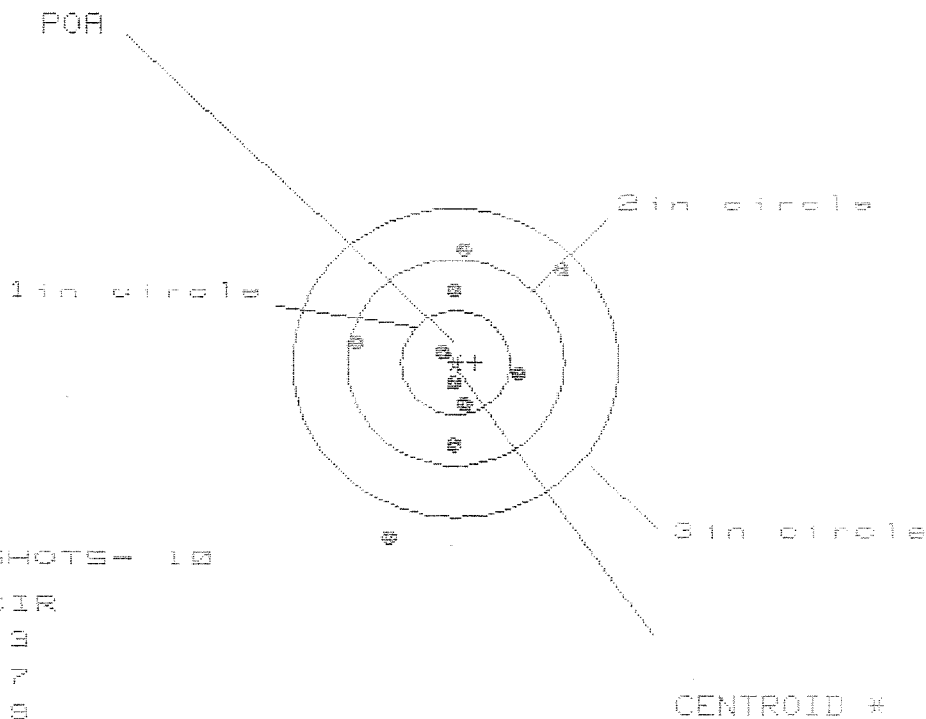
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.349	1.170	.795
MINIMUM X	-1.610	-1.550	-1.404
MAXIMUM Y	.993	1.000	.925
MINIMUM Y	-.998	-.991	-1.066
CENTROID X	.312	.491	.345
CENTROID Y	.170	.163	.238
POA TO CENTROID in.	.355	.518	.419
MIN RADIUS	.398	.413	.327
MEAN RADIUS	1.048	.953	.906
MAX RADIUS	1.611	1.590	1.431
HORIZONTAL SPREAD	2.959	2.720	2.109
VERTICAL SPREAD	1.991	1.991	1.991
EXTREME SPREAD	3.031	2.880	2.326
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

17 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225311

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.833

VS= 2.712

GS= 3.022

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.988
MINIMUM X	-.953
MAXIMUM Y	1.061
MINIMUM Y	-1.651
CENTROID X	-.181
CENTROID Y	-.002
POA TO CENTROID in.	.181
MIN RADIUS	.151
MEAN RADIUS	.797
MAX RADIUS	1.763
HORIZONTAL SPREAD	1.933
VERTICAL SPREAD	2.712
EXTREME SPREAD	3.022
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	9

BARBER.-M24.0000963

ORDER

R 96-17175

INITIAL	CUSTOMER ORDER NO.
---------	--------------------

JLM

M24 W/ULTRA 10X-M3A SCOPE, BROKEN BIPOD, AND
DEPLOYMENT KIT *Scope SN 88 113*

Scope S/N 88 1130

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/24/96	07/24/96	DI 7-88	C6225311		700 7.62 NATO

ACCESSORIES	SLING STRAP	W/STUDS	W/SWIVELS	SCOPE MNTS	SCOPE BASE
			W/HARD CASE		

FROM: _____ SHIP TO: _____

CDR 1/75TH RGR REGT
ATTN PBO CW3 HUMES
HAAF

GA 31409

CDR 1/75TH RGR REGT
ATTN PBO CW3 HUMES
HAAF

GA

31409

CUST NO: 119494 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. DATE

ESTIMATED	
-----------	--

VIA

R646169641

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 H096 242 H242

PARTS

COMMENTS

Barrel	96003
Stock	96018
Bi-pod -	96117

Repauder Coat Trigger Guard
Assy, Front & Rear Sight Bases
ReZinc Scope Base Rings
Swivels & Swivel Studs

REPAIRMAN <i>Rw</i>	PROOF <i>✓</i>	CLEAN <i>✓</i>	TEST <i>A</i>	TARGET <i>A</i>	PATTERN
GALLERY TESTER <i>Rw</i>	DATE <i>9/9/96</i>	DATE <i>9/24/96</i>	DATE <i>9/27/96</i>	DATE <i>9/27/96</i>	DATE

OFFICE COPY

RD6925 REV 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **M2400001002**

MAINTENANCE REQUEST				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL	
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				1	1	CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				DEPARTMENT OF THE ARMY			
1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO		CDR VAS RGR ATTN: PRO CW3 HUMES HUNTER AAF, GA 31409-5720 OFFICIAL BUSINESS - 5720 58			
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCS					
SECT							
5. TYPE MNT REQ CODE	6. ID	7. NSN		See DA Pamphlets 738-750 and 738-751			
		1005012402136		a. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)			
8. MODEL	M24			See DA Pamphlets 738-750 and 738-751			
9. NOUN	7.62 SNIPER RIF			16. MILES/KILOMETERS/HOURS/ROUNDS			
10a. ORG WON/DOC NO				M ☐ K ☐			
11. SERIAL NUMBER	12. QTY	13. PD		H ☐ R ☐			
C622531100001		0.2					
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				17. PROJECT CODE (if assigned)			
				18. ACCOUNT PROCESSING CODE			
				19. IN WARRANTY? (enter Y or N)			
				20. ADMIN NO			
				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)			
				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)							
25. REMARKS							
BARREL LIFE EXPIRED w/BIPOD, SCOPE 10X SER# C6225319 CLEANING KIT, CARRY/SHOULDER STRAP R95387 ROC SSG MASON DSN 971 5572							
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.							
SSG MASON							
34a. SUBMITTED BY				Block 34a. Enter first initial and last name of submitter.			
35a. ACCEPTED BY				Block 34b. Enter ordinal date submitted (YYDDD).			
35c. DATE				Block 35a. Enter first initial and last name of person accepting maint. request.			
34b. DATE				Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.			
35b. STATUS				Block 35c. Enter ordinal date accepted (YYDDD).			
35d. TIME				Block 35d. Enter military time.			

DA FORM 2407, JUL 94

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

RECEIPT COPY 1

DATE: 07/19/96

ASSET ADJUSTMENT

TIME: 10:57:02

KEY IN DATA

(01-03) DIC..... ZRI
(04-09) UIC..... WH3LA0
(10) PIC..... 8
(11-16) LIN/NSLIN..... R95387
(17-22) SUBLIN/SUBNSLIN.....
(23-37) NSN/MCN..... 1005012402136
(38-39) EQUIPMENT CONC SITE.....
(43-50) DOCUMENT NUMBER..... 6201-0001
(51-54) FORM NUMBER..... 2765
(55) TYPE CHANGE CD..... 3
(56-60) QUANTITY..... 1
(61-66) GAIN/LOSING DODAAC..... W33GJ1
(80) TYPE ACTION CD..... D
PRESS ENTER

LAST AUTOMATED DOCUMENT NUMBER WAS 62010000

WARNING LEAVE DOCUMENT NUMBER BLANK FOR AUTOMATED FUNCTION

ACTION:

SCREEN 648

PRESS <ALT-H> = HELP, RETURN = PREVIOUS MENU, MENU = TOP MENU, SO = STOP

DATE: 07/19/96

ASSET ADJUSTMENT

TIME: 10:59:11

KEY IN DATA

(01-03) DIC..... ZRI
(04-09) UIC..... WH3LA0
(10) PIC..... 8
(11-16) LIN/NSLIN..... R95387
(17-22) SUBLIN/SUBNSLIN.....
(23-37) NSN/MCN..... 1005012402136
(38-39) EQUIPMENT CONC SITE.....
(43-50) DOCUMENT NUMBER..... 6201-0002
(51-54) FORM NUMBER..... 2765
(55) TYPE CHANGE CD..... 3
(56-60) QUANTITY..... 1
(61-66) GAIN/LOSING DODAAC..... W33GJ1
(80) TYPE ACTION CD..... F
PRESS ENTER

LAST AUTOMATED DOCUMENT NUMBER WAS 62010001

WARNING LEAVE DOCUMENT NUMBER BLANK FOR AUTOMATED FUNCTION

ACTION:

SCREEN 648

PRESS <ALT-H> = HELP, RETURN = PREVIOUS MENU, MENU = TOP MENU, SO = STOP

M24 work order
5504
Rem take 54
Reg
\$100

For use of this form, see DA PAMs 738-750 and 738-751; the proponent agency is DSCLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1051

[illegible]

CONTINUE ON REVERSE

DA FORM 2408-4
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED

10.	Date <i>a</i>	Projectile Type <i>b</i>	Zone or Charge <i>c</i>	Rounds Fired <i>d</i>	EFC RDS Fired <i>e</i>	Cumulative RDS Fired <i>f</i>	Cumulative EFC RDS <i>g</i>		Remaining Life (EFC RDS) <i>h</i>	Remarks: Recoil Exercise (RE), Gage or Velocity Read- ing, Safety Inspection (SI) <i>i</i>	Signature <i>j</i>

NOTE: START A NEW FORM BEFORE MAILING THIS ONE

GPO : 1990 0 - 268-783

21 DAY TURN - AROUND

Barrel
+
Stock

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225311

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	9/9/96	RW
605	CHECK HEADSPACE	9/9/96	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	9/24/96	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	9/27/96	At
655	FINAL INSPECT	10/1/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225311

DATE REC'D: 7/24/86

DATE RET'D:

Auditor: MW

Item:

Barrel Assy.

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

Scope Assy.

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

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

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

Systems Case

☒ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225311
4 Jan 1980

CENTROIDAL DISTANCES

0 TO	1	.175182
1 TO	2	.375293
1 TO	3	.261905
1 TO	4	.360451
1 TO	5	.4414

543 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0648
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0744
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0986531
THE AMR FOR THIS RIFLE IS: .9452

4 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06225311

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.881

VS = 1.798

GS = 2.951

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.580	1.480	1.341
MINIMUM X	-1.301	-1.125	-1.264
MAXIMUM Y	1.041	1.001	.902
MINIMUM Y	-.749	-.789	-.697
CENTROID X	.112	-.064	.074
CENTROID Y	.136	.176	.275
POA TO CENTROID in.	.176	.187	.285
MIN RADIUS	.152	.300	.164
MEAN RADIUS	.949	.862	.802
MAX RADIUS	1.622	1.503	1.352
HORIZONTAL SPREAD	2.881	2.605	2.605
VERTICAL SPREAD	1.798	1.798	1.599
EXTREME SPREAD	2.951	2.793	2.605
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

4 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/CG225311

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

CENTROID X

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.388

VS = 3.421

GS = 3.670

PATTERN #

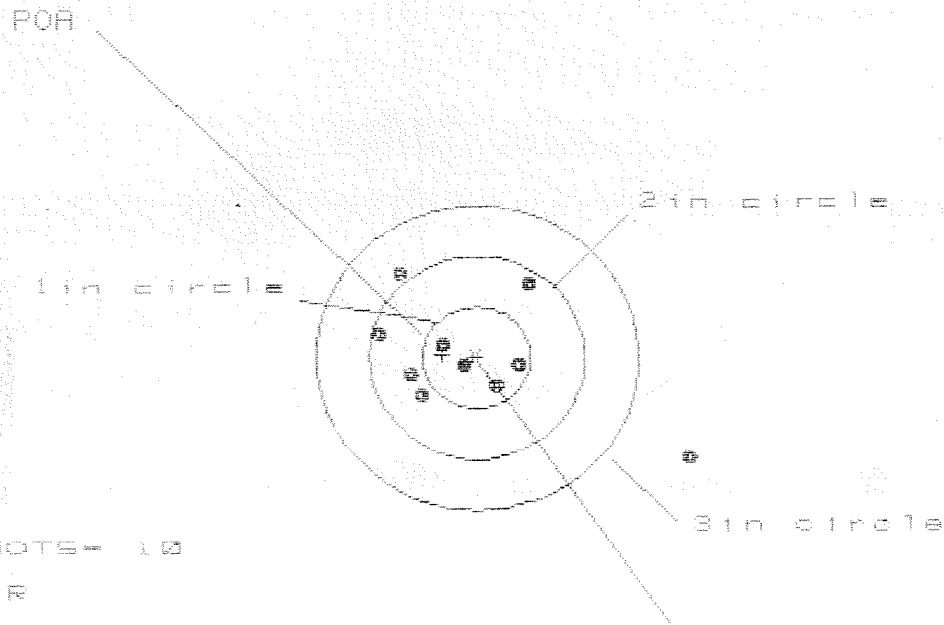
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.222	1.240	1.096
MINIMUM X	-1.167	-1.149	-1.096
MAXIMUM Y	1.913	.865	.704
MINIMUM Y	-1.508	-1.296	-.817
CENTROID X	.211	.193	.337
CENTROID Y	-.226	-.438	-.276
POR TO CENTROID in.	.309	.479	.436
MIN RADIUS	.164	.235	.289
MEAN RADIUS	1.050	.967	.844
MAX RADIUS	1.920	1.732	1.183
HORIZONTAL SPREAD	2.389	2.389	2.192
VERTICAL SPREAD	3.421	2.161	1.520
EXTREME SPREAD	3.670	2.769	2.307
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

4 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6225311

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS= 2.049

VS= 1.792

CS= 3.198

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.944	.694	.633
MINIMUM X	-.905	-.689	-.750
MAXIMUM Y	.825	.717	.713
MINIMUM Y	-.967	-.484	-.394
CENTROID X	.317	.101	.162
CENTROID Y	-.027	.081	-.009
POA TO CENTROID in.	.318	.129	.163
MIN RADIUS	.125	.105	.131
MEAN RADIUS	.747	.559	.505
MAX RADIUS	2.171	.933	.933
HORIZONTAL SPREAD	2.849	1.383	1.383
VERTICAL SPREAD	1.792	1.201	1.107
EXTREME SPREAD	3.198	1.483	1.483
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

4 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06225311

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.118

VS= 2.748

CS= 3.040

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.103

1.193

1.184

MINIMUM X

-1.015

-.893

-.902

MAXIMUM Y

1.436

1.290

.956

MINIMUM Y

-1.312

-.857

-.696

CENTROID X

-.033

-.155

-.146

CENTROID Y

-.194

-.048

-.209

POA TO CENTROID in.

.196

.162

.255

MIN RADIUS

.380

.545

.488

MEAN RADIUS

1.022

.946

.896

MAX RADIUS

1.714

1.292

1.208

HORIZONTAL SPREAD

2.118

2.086

2.086

VERTICAL SPREAD

2.748

2.147

1.652

EXTREME SPREAD

3.040

2.274

2.174

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

9

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225311

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.352

VS= 2.802

GS= 3.206

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.098	1.023	1.123
MINIMUM X	-1.254	-1.329	-1.229
MAXIMUM Y	1.093	.904	.890
MINIMUM Y	-1.709	-.948	-.835
CENTROID X	-.283	-.288	-.308
CENTROID Y	-.061	.128	.016
POA TO CENTROID in.	.290	.244	.308
MIN RADIUS	.209	.058	.139
MEAN RADIUS	.958	.835	.792
MAX RADIUS	1.839	1.344	1.232
HORIZONTAL SPREAD	2.352	2.352	2.352
VERTICAL SPREAD	2.802	1.852	1.725
EXTREME SPREAD	3.206	2.400	2.359
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	