

G6360880
Replaced
C-6225117

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: **RE00092945** Serial: C6225117 Model: M24 SWS Center Fire
 Verify Repair: [REDACTED] Caliber: 7.62 NATO Produced: 10/23/1286 Repairman: [REDACTED]
 Status: Closed 2/10/2005 1:14:26 PM

Address Information

Customer: [REDACTED] Received From: [REDACTED] Return To: [REDACTED] Received From: [REDACTED]

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: [REDACTED] Address 2: [REDACTED] PO Box: [REDACTED] PO Box: [REDACTED]

City: ANNISTON ANNISTON

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

FFL: [REDACTED]

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: [REDACTED] Fax: [REDACTED] Email: [REDACTED] Comments: [REDACTED]

Received Condition: Good Condition Notes: [REDACTED] CSR Notes: [REDACTED]

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A025	Scope	1
A057	Frt and Rear Sct Base	1

Repair Search Refresh Close

haclet 2/14/2005 9:19 AM CAPS INUM INS SCPL

start 5 2 4 Arms Service

G6360880

Serial Number: **C6225117**

Model: **M24 SWS**



RE00092945

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360880.___0
FILE DATE AND TIME: 06/14/2005 10:05

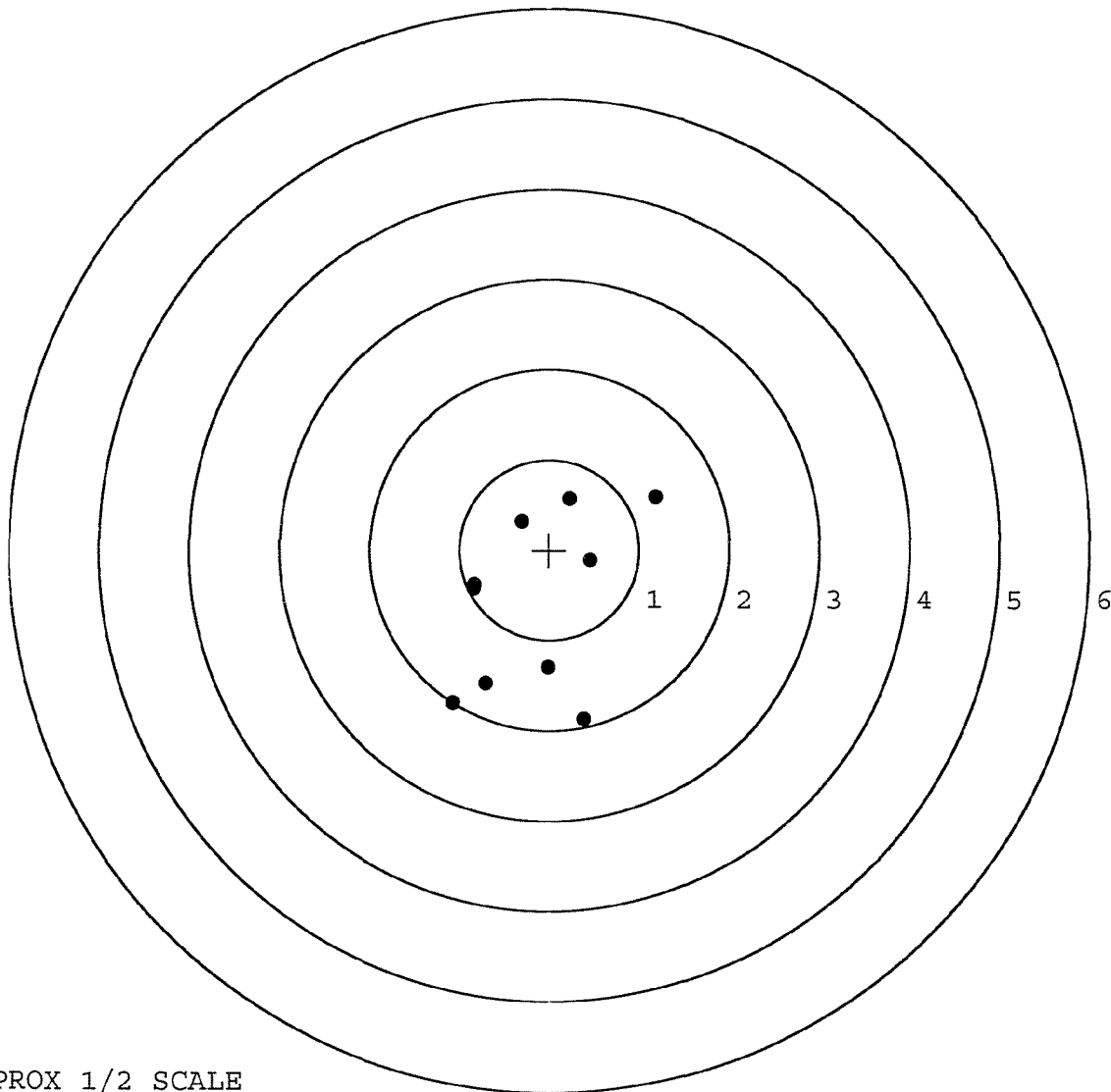
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.019
The Average Y Centroid of the Five Target Set:	-0.142
The Average Point of Impact of the Five Target Set:	0.143
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.603
The Distance from Centroid Target #2 to Centroid Target #1:	0.807
The Distance from Centroid Target #3 to Centroid Target #1:	0.557
The Distance from Centroid Target #4 to Centroid Target #1:	0.520
The Distance from Centroid Target #5 to Centroid Target #1:	0.539

SERIAL NUMBER: G6360880. __0
TARGET NUMBER: 1
FILE DATE: 06/14/2005
FILE TIME: 10:05

X CENTROID: -0.156
Y CENTROID: -0.582
POA TO CENTROID: 0.603
HORZ SPREAD: 2.255
VERT SPREAD: 2.477
GROUP SPREAD: 3.215
MIN RADIUS: 0.704
MAX RADIUS: 1.777
MEAN RADIUS: 1.074
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.839	-0.381
2:	0.384	-1.885
3:	-0.019	-1.307
4:	-0.712	-1.486
5:	-1.078	-1.700
6:	-0.843	-0.428
7:	1.177	0.592
8:	-0.308	0.321
9:	0.223	0.567
10:	0.455	-0.118



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360880. __0

TARGET NUMBER: 2

FILE DATE: 06/14/2005

FILE TIME: 10:05

POINT#	X	Y
1:	1.309	0.024
2:	0.883	0.114
3:	0.169	-0.038
4:	0.208	-0.484
5:	0.296	-0.730
6:	-0.434	-0.430
7:	0.454	0.797
8:	-0.087	0.698
9:	-0.102	1.169
10:	0.386	-0.339

X CENTROID: 0.308

Y CENTROID: 0.078

POA TO CENTROID: 0.318

HORZ SPREAD: 1.743

VERT SPREAD: 1.899

GROUP SPREAD: 1.940

MIN RADIUS: 0.181

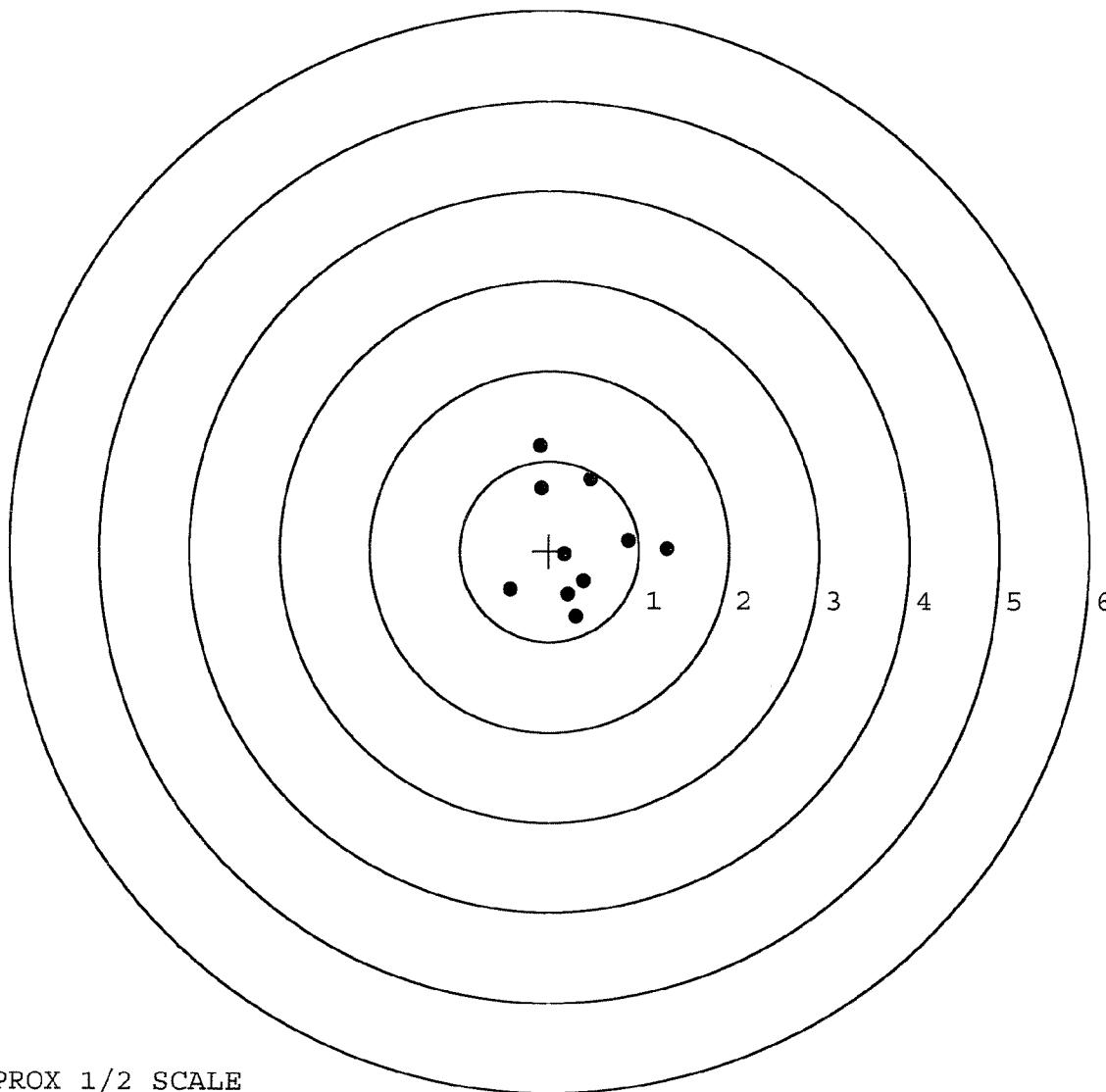
MAX RADIUS: 1.165

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

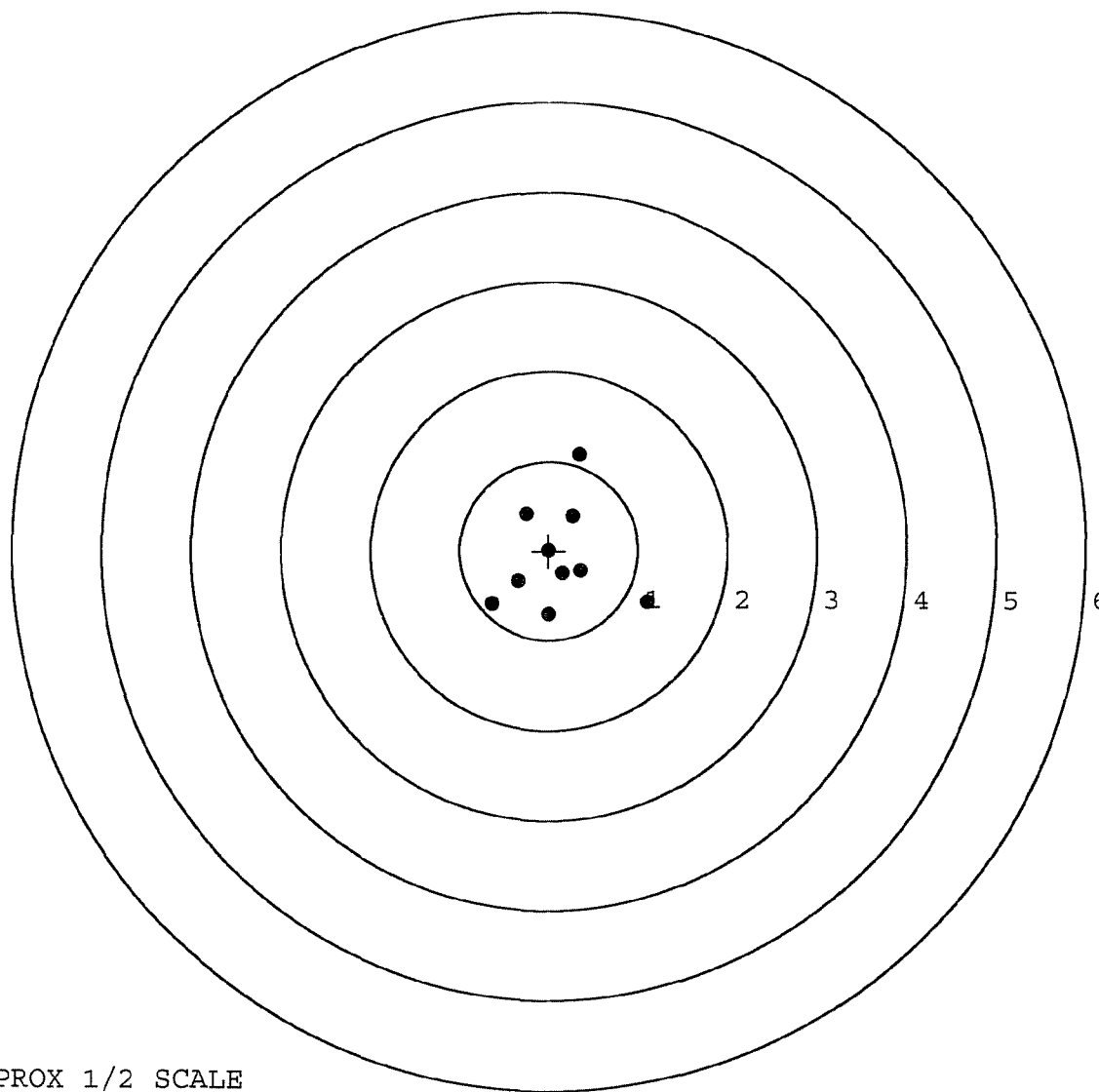


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360880. __0
TARGET NUMBER: 3
FILE DATE: 06/14/2005
FILE TIME: 10:05

POINT#	X	Y
1:	0.004	-0.002
2:	1.102	-0.586
3:	0.343	1.079
4:	0.262	0.389
5:	-0.254	0.420
6:	-0.636	-0.606
7:	-0.345	-0.353
8:	-0.004	-0.719
9:	0.158	-0.259
10:	0.356	-0.229

X CENTROID: 0.099
Y CENTROID: -0.087
POA TO CENTROID: 0.131
HORZ SPREAD: 1.738
VERT SPREAD: 1.798
GROUP SPREAD: 1.949
MIN RADIUS: 0.127
MAX RADIUS: 1.191
MEAN RADIUS: 0.609
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360880. 0

TARGET NUMBER: 4

FILE DATE: 06/14/2005

FILE TIME: 10:05

POINT#	X	Y
1:	1.097	0.369
2:	0.325	-0.676
3:	-1.171	0.624
4:	-0.379	-0.433
5:	-0.153	-0.391
6:	0.061	-0.142
7:	-0.275	-0.160
8:	0.003	0.337
9:	-0.211	-0.037
10:	-0.235	-0.155

X CENTROID: -0.094

Y CENTROID: -0.066

POA TO CENTROID: 0.115

HORZ SPREAD: 2.268

VERT SPREAD: 1.300

GROUP SPREAD: 2.282

MIN RADIUS: 0.121

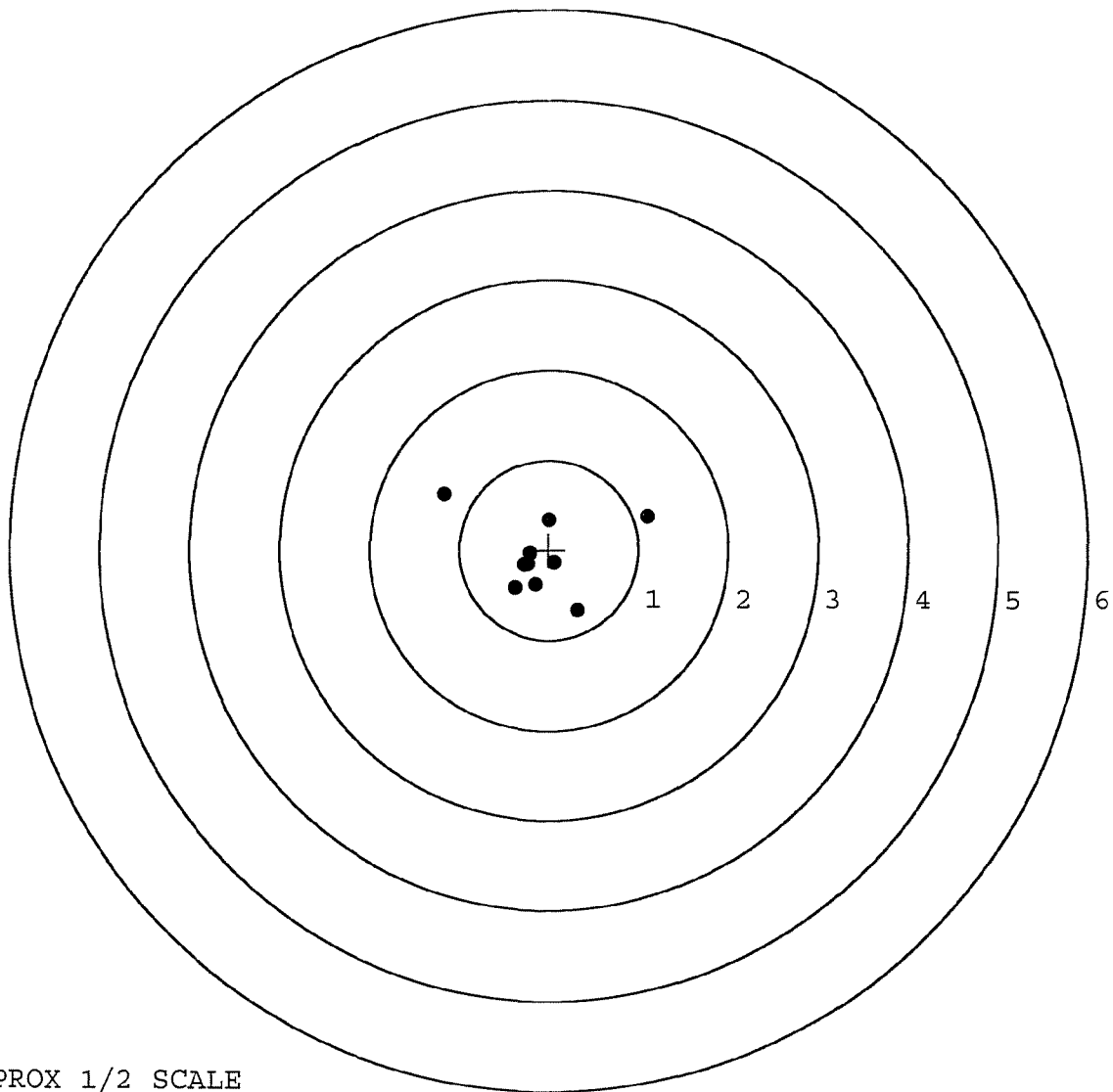
MAX RADIUS: 1.279

MEAN RADIUS: 0.516

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360880. 0

TARGET NUMBER: 5

FILE DATE: 06/14/2005

FILE TIME: 10:05

POINT#	X	Y
1:	-0.702	-0.701
2:	-1.035	-0.273
3:	-0.384	-0.033
4:	0.206	-0.255
5:	0.395	-0.085
6:	0.839	0.208
7:	0.548	-0.879
8:	0.531	0.964
9:	-0.354	1.249
10:	-0.685	-0.711

X CENTROID: -0.064

Y CENTROID: -0.052

POA TO CENTROID: 0.082

HORZ SPREAD: 1.874

VERT SPREAD: 2.128

GROUP SPREAD: 2.311

MIN RADIUS: 0.320

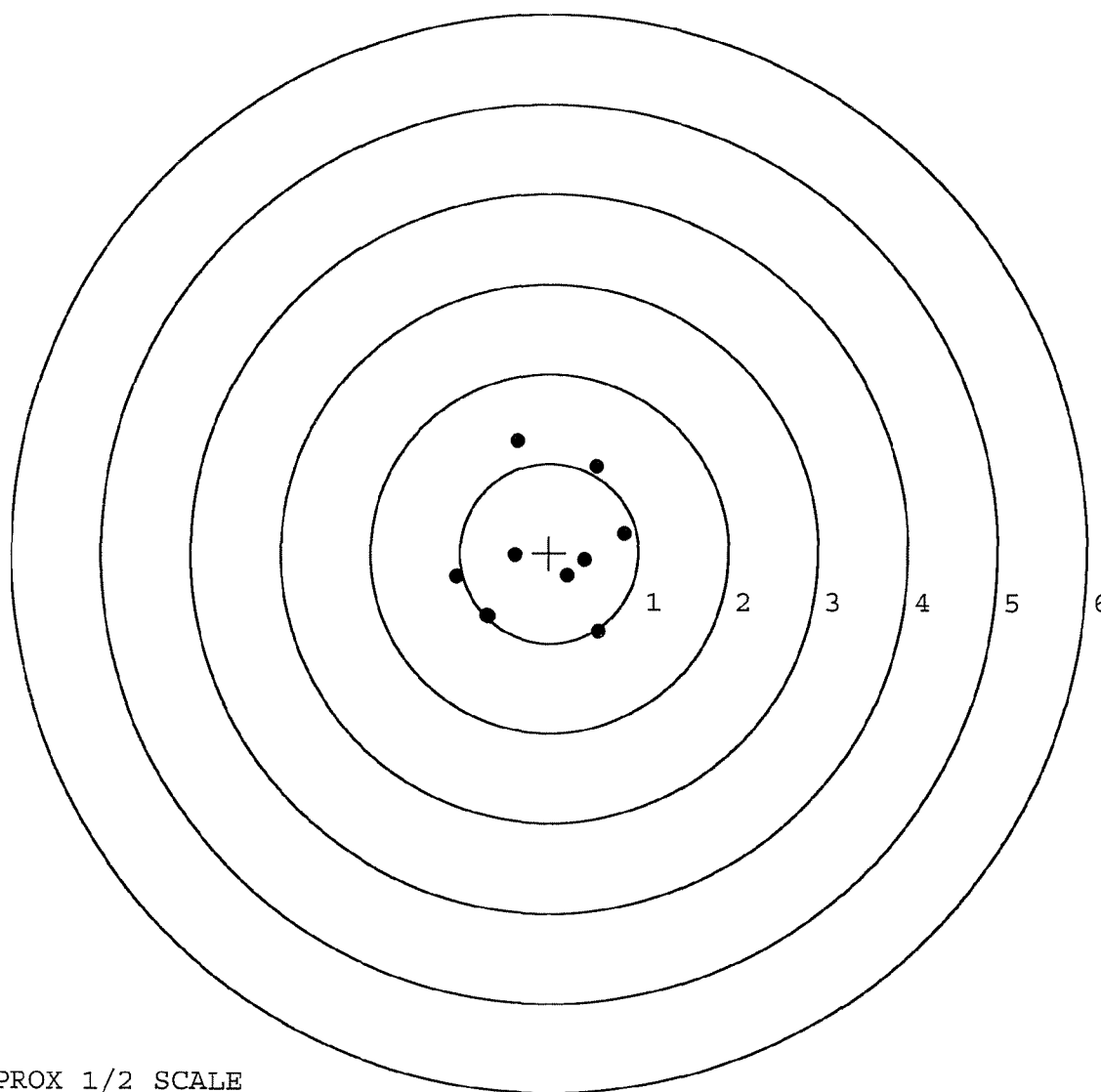
MAX RADIUS: 1.333

MEAN RADIUS: 0.841

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92945		
SERIAL NUMBER	C6225H7	C6360880	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	AC
605	CHECK HEADSPACE	5-4-05	AC
610	DIS-ASSEMBLE GUN	5-3-05	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	W
625 A	FINAL ASSEMBLY	6-9-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-28-05	AC
D	SAFETY "OFF" FORCE	6-28-05	AC
E	FIRING PIN INDENT	6-28-05	AC
640	TARGET	6-14-05	AC
655	FINAL INSPECT	6-28-05	AC
660	PACK	9-7-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-15586

INITIAL CUSTOMER ORDER NO.

ATTN: FRED MARTIN M-24 W/10X-M3A SCOPE

FPS

DATE RECEIVED 07/21/93	DATE OPENED 07/21/93	DATE CODE PM 6-92	SERIAL NUMBER C6225117	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS		W/SWIVELS		HARD CASE	SCOPE MNTS 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.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

PARTS

COMMENTS

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

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400084436

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>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Consolidated Equip Pool</i>		B. LOCATION <i>Ft. Benning, Ga 31905</i>		C. UNIT IDENT CODE <i>W04253</i>	
2. SERIAL NO. <i>06225117</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	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). <i>Rd Count Exceeds 5,000.</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
		(1) CB CODE	(2) REF DESIGN	(3) MFR. CODE			G. QTY.
							H. PARTS COST
							\$
							\$
							\$
							\$
							\$
							\$
							\$
							\$
							\$
							\$
							\$
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools 22. Data Transcribed							
23. SUBMITTED BY <i>JDM</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]

Replaces edition of 1 Jan 64, which will be used

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225117

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 RB		7/24/89	WB
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		7/26/89	JU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/28/89	J.C.
	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						8/1/89	JS.
	A) Headspace							
	B) Trigger Pull	2.74	2.32	2.36	2.42	2.44	8/2/89	JS.
	C) Function						8/3/89	JS.
660	Pack						8/3/89	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225117
DATE 28 July 89
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.75		2.49	2.24	MIN. SETTING,
PULL #2	2.73		2.52	2.32	NO AVG. OF 5
PULL #3	2.68		2.42	2.36	READINGS ACCEPT-
PULL #4	2.78		2.29	2.47	ABLE LESS THAN 2#
PULL #5	2.49		2.46	2.44	
TOTAL	13.43		12.18	11.78	
AVG.	2.686		2.436	2.356	

	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	4.01			
PULL #2	3.98			
PULL #3	3.95			
PULL #4	3.95			
PULL #5	3.97			
TOTAL	19.86			
AVG.	3.972			

00299

5091

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225117*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	1/22	FB
600	PROOF	1/28/88	RW
615	MAGNAFLUX BARREL	4/18/88	P/C
	MAGNAFLUX BOLT	5/13/88	P/R
620	COATING	8/11/88	JA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCORE # 1731

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225117

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		8/23/88	AW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/23/88	AW
	C) Inspect Ejector Hole for Chamfer		8/23/88	AW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/23/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		24 Aug 88	J.V. W.B.
	F) Safety on Force	327 37 37	24 Aug 88	J.V. W.B.
	G) Safety off Force	374 73 73	24 Aug 88	J.V. W.B.
	H) Trigger Pull Test & Retainabilty		24 Aug 88	J.V. W.B.
	I) Firing Pin Indent	.0205 .021 .021	24 Aug 88	J.V. W.B.
	J) Assemble Stock		8/25/88	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		9/6/88	RW
	M) Iron Sight Alignment		9/6/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/6/88	RW
	O) Attach Scope to Rifle	90R 84L 47E	9/8/88	RW
	P) Detach & Attach Scope 20 times		9/8/88	W.B.
640	Gallery Target & Test	TIME 13:20 W.B.	9/9/88	D.H.
	A) Optical Clarity of Scope		9/9/88	D.H.
645	Inspect for Live Ammo		9/10/88	W.B.
655	Final Inspection			
	A) Headspace	OK	9/29/88	OK
	B) Trigger Pull	OK	9/29/88	OK
	C) Function	OK	9/29/88	OK
660	Pack		10-20-88	W.B.

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6225 117
DATE 24 AUG 88
TESTER J. U. W. B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	^{1 3} 2.38	¹ 2.35	^{2 2} 2.54	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.41	2.46	2.63	
PULL #3	2.38	2.41	2.50	2.64	
PULL #4	2.43	2.41	2.46	2.66	
PULL #5	2.36	2.41	2.48	2.69	
TOTAL	11.92	11.99	12.44	32.6	
AVG.	2.38	2.39	2.49	2.652	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	^{1 2} 3.38	^{1 2} 3.34		
PULL #2	3.39	3.43		
PULL #3	3.40	3.37		
PULL #4	3.42	3.39		
PULL #5	3.38	3.33		
TOTAL	16.97	16.86		
AVG.	3.39	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	^{4 2} 4.35	^{4 2} 4.28		4.31
PULL #2	4.38	4.29		4.35
PULL #3	4.34	4.34		4.40
PULL #4	4.37	4.40		4.38
PULL #5	4.43	4.42		4.41
TOTAL	21.87	21.73		21.85
AVG.	4.37	4.35		4.37

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225117

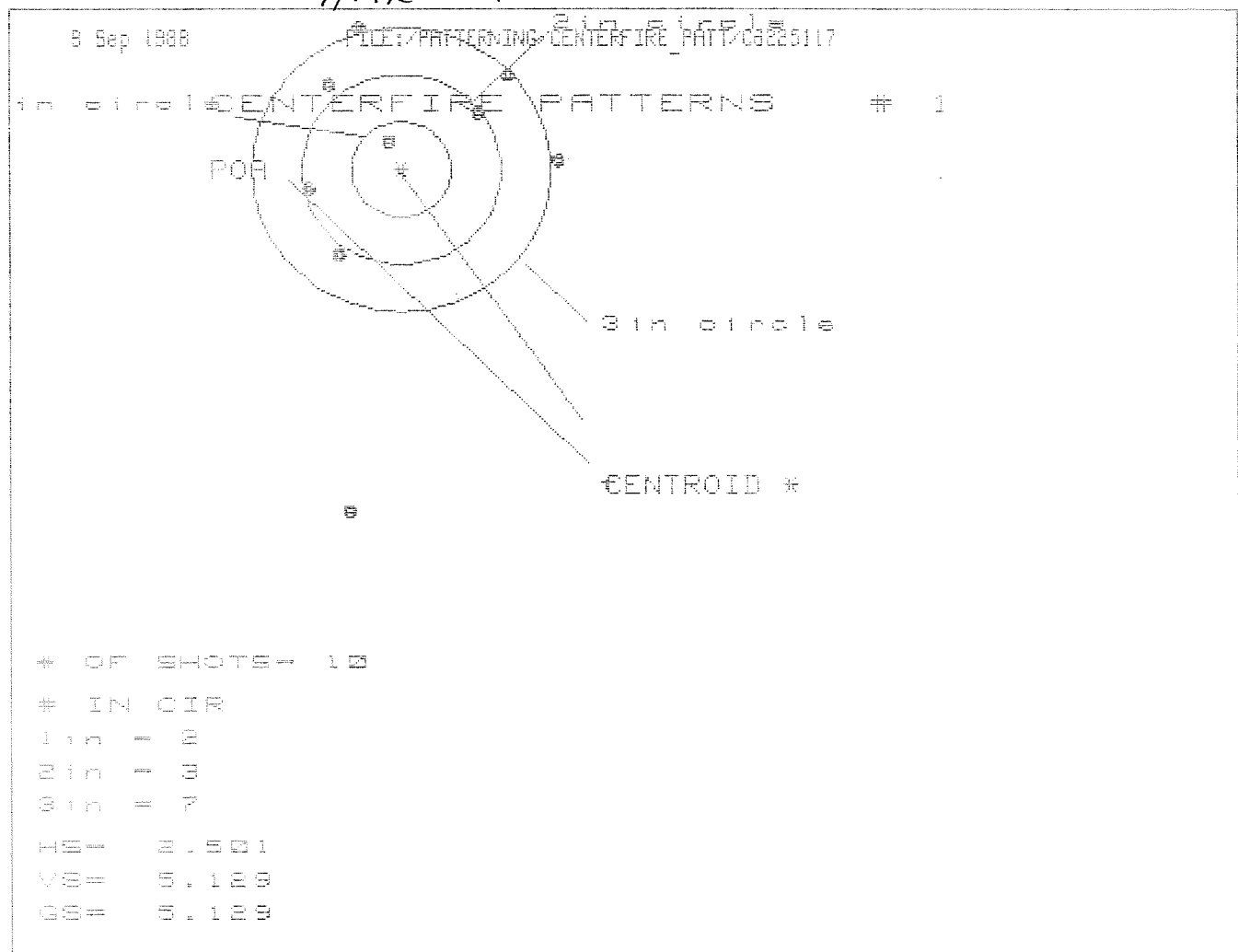
CENTROIDAL DISTANCES

0	TO	1	3.89772
1	TO	2	.199865
1	TO	3	.516899
1	TO	4	.150921
1	TO	5	.382562

72
5

+ <----POA

AMR = 1.12



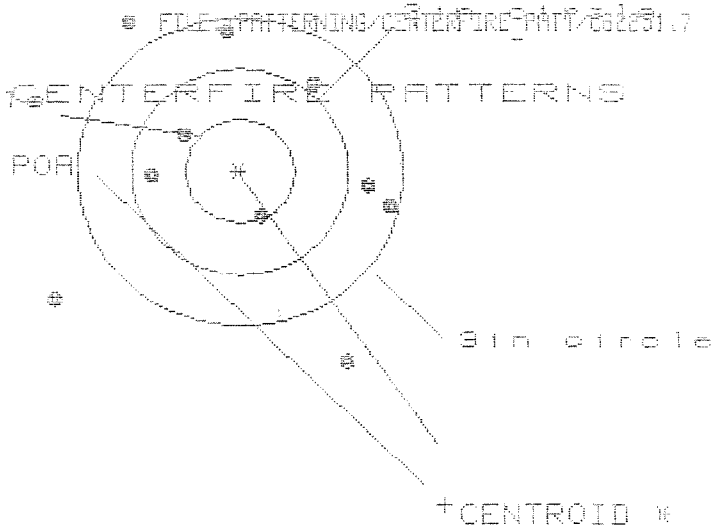
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.604	1.551	1.179
MINIMUM X	-0.897	-0.950	-0.756
MAXIMUM Y	1.524	1.123	1.081
MINIMUM Y	-3.605	-1.320	-1.361
CENTROID X	-2.071	-2.018	-2.212
CENTROID Y	3.302	3.703	3.744
POB TO CENTROID in.	3.898	4.217	4.349
MIN RADIUS	.298	.209	.150
MEAN RADIUS	1.310	.969	.861
MAX RADIUS	3.637	1.586	1.443
HORIZONTAL SPREAD	2.501	2.501	1.935
VERTICAL SPREAD	5.129	2.443	2.443
EXTREME SPREAD	5.129	2.521	2.521
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

8 Sep 1988

FILE PATTERNING/CENTERFIRE PATT/062251.7

1 in circle CENTERFIRE PATTERNS # 2

POB



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 3.075

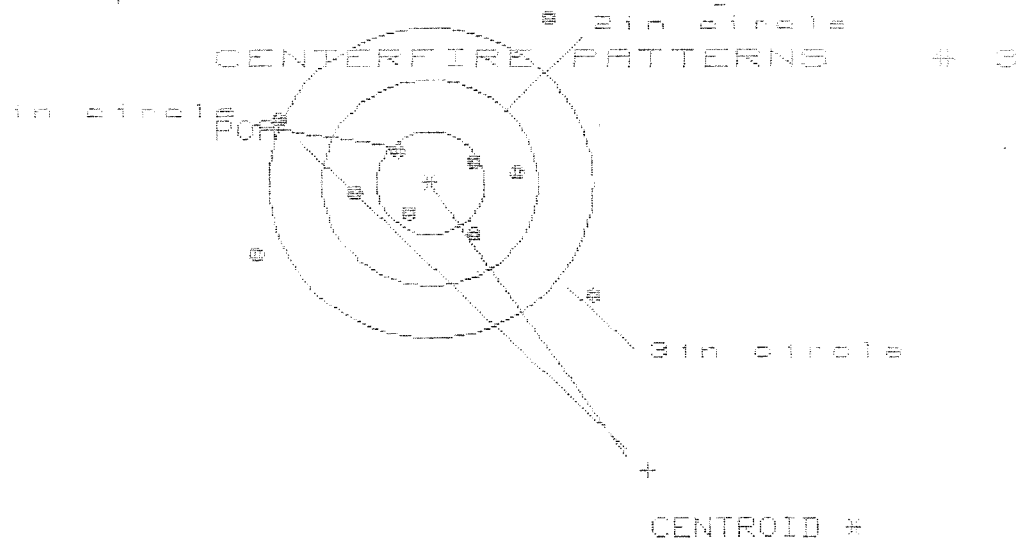
VS= 3.264

GS= 3.834

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	3
MAXIMUM X	1.301	1.171	1.266
MINIMUM X	-1.714	-1.250	-1.155
MAXIMUM Y	1.457	1.323	1.080
MINIMUM Y	-1.807	-1.941	-1.846
CENTROID X	-1.882	-1.692	-1.787
CENTROID Y	3.237	3.371	3.614
POB TO CENTROID in.	3.744	3.772	4.032
MIN RADIUS	.494	.604	.620
MEAN RADIUS	1.289	1.186	1.053
MAX RADIUS	2.099	2.085	1.581
HORIZONTAL SPREAD	3.075	2.421	2.421
VERTICAL SPREAD	3.264	3.264	1.926
EXTREME SPREAD	3.834	3.834	3.006
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

9 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08025117



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 6

HS= 3.030

VS= 2.769

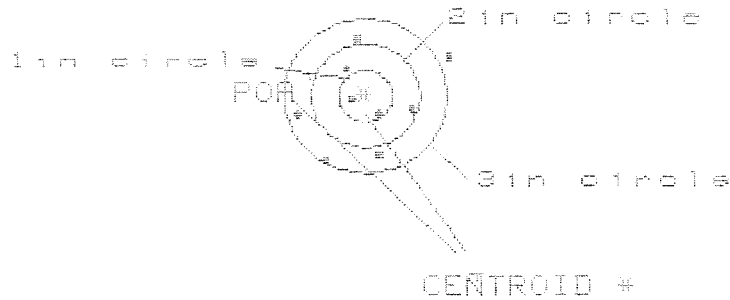
GS= 3.559

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.460	1.582	1.133
MINIMUM X	-1.570	-1.448	-1.250
MAXIMUM Y	1.640	1.803	1.684
MINIMUM Y	-1.129	-1.947	-1.649
CENTROID X	-2.000	-2.122	-2.320
CENTROID Y	2.790	2.600	2.727
POA TO CENTROID in.	3.433	3.362	3.580
MIN RADIUS	.360	.143	.295
MEAN RADIUS	1.041	.923	.805
MAX RADIUS	1.975	1.844	1.408
HORIZONTAL SPREAD	3.030	3.030	2.383
VERTICAL SPREAD	2.769	1.750	1.333
EXTREME SPREAD	3.559	3.342	2.565
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

8 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225117

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.793

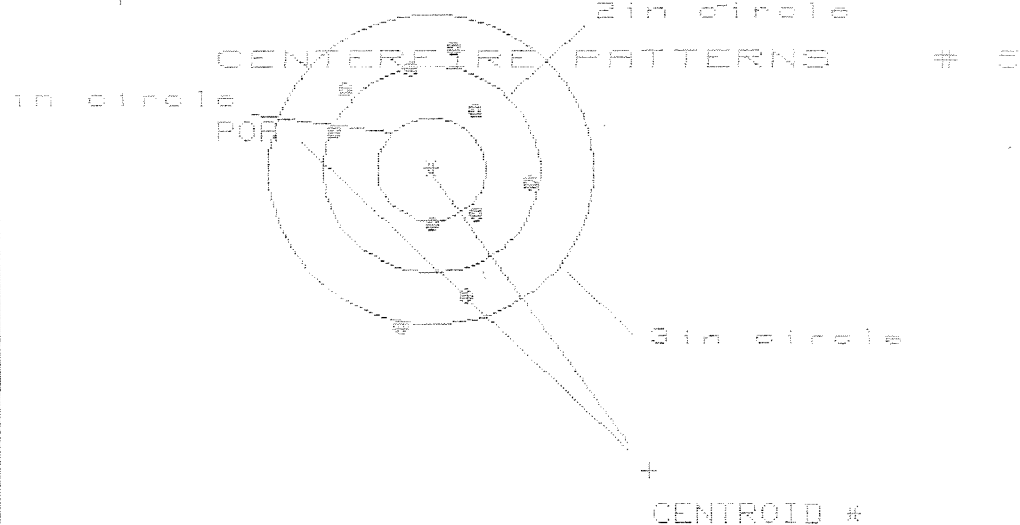
VS= 2.433

GS= 3.657

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.538	.972	.983
MINIMUM X	:	-1.245	-1.074	-1.143
MAXIMUM Y	:	1.138	1.223	1.072
MINIMUM Y	:	-1.295	-1.210	-1.197
CENTROID X	:	-2.047	-2.218	-2.149
CENTROID Y	:	3.451	3.366	3.517
POA TO CENTROID in.	:	4.012	4.031	4.122
MIN RADIUS	:	.227	.044	.181
MEAN RADIUS	:	.996	.895	.938
MAX RADIUS	:	1.717	1.329	1.230
HORIZONTAL SPREAD	:	2.783	2.046	2.046
VERTICAL SPREAD	:	2.433	2.433	2.259
EXTREME SPREAD	:	3.657	2.494	2.296
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			9	

9 Sep 1988

FILE:/PATTERNING/CENTERFIRE PATT/6225117



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 5

ME= 1.761

VS= 2.641

GS= 2.684

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.876	.842	.874
MINIMUM X	-.885	-.919	-.887
MAXIMUM Y	1.148	.974	.800
MINIMUM Y	-1.500	-1.387	-.865
CENTROID X	-2.005	-1.972	-2.004
CENTROID Y	2.925	3.092	3.266
POF TO CENTROID in.	3.547	3.668	3.831
MIN RADIUS	.525	.561	.492
MEAN RADIUS	.966	.890	.808
MAX RADIUS	1.530	1.410	1.013
HORIZONTAL SPREAD	1.761	1.761	1.761
VERTICAL SPREAD	2.641	2.361	1.665
EXTREME SPREAD	2.684	2.363	1.898
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225117

CENTROIDAL DISTANCES

0 TO	1	3.89772
1 TO	2	.199865
1 TO	3	.516899
1 TO	4	.150921
1 TO	5	.382562

12
5

+ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -2.0012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 3.141
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 3.72434
THE AMR FOR THIS RIFLE IS: 1.12

RECEIVING AND ESTIMATING REPORT

COMMENTS

SNIPER M-24 W/10X LEUPOLD SCOPE

INITIAL JJM	CUSTOMER ORDER NO.					
DATE RECEIVED 08/08/90	DATE OPENED 08/16/90	DATE CODE	SERIAL NUMBER C6225117	MODEL AND GRADE 9999	7.65 NATO	ORDER R 90-22054
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

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400084456

NMP COPY 2

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 92-13318

INITIAL CUSTOMER ORDER NO.

JIM

M-24 SNIPER W/LEUPOLD 10X ULTRA SCOPE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/17/92

06/17/92

KI 5-88

C6225117

700

7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

HARD CASE

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 CJO.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REGISTERED MAIL

REMINGTON ARMS CO., INC.

Sport Arms Division

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

METAL

C2

MAIN FAULT

Replace Barrel
Repair Bolt Stop Release
Refinish Guard
Refinish Bbl/Rea
Repair Stock

REGISTERED MAIL

D1 E3
D2 R.513 300 90618
D3 61 LB 09.0 02

PRIORITY

2/2 319/5

BASE CHG \$ 48.050

APC FEES \$ 5.50

JIT AND CHGS \$ 8.00

TOTAL CHARGES \$ 46.350

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

WITH GUN

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400084458

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 Consolidated Equip Pool		B. LOCATION Ft. Benning G93195		C. UNIT IDENT CODE W04255			
2. SERIAL NO. 6225117		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY Remington		B. LEVEL H		8. UTILIZATION CODE 0		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). SEE ATTACHED DA Form 2404									
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)					☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools
22. Data Transcribed									
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
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									

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 92-13318

INITIAL CUSTOMER ORDER NO.

J.JM

M-24 SNIPER W/LEUPOLD 10X ULTRA SCOPE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/17/92

06/17/92

KI 5-88

C6225117

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

HARD CASE

FROM:

SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING

GA 31905

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNINGGA
31905

CUST NO:059697 CJO.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

REPLACE BARREL
REPAIR BOLT STOP RELEASE
REFINISH GUARD
REFINISH BAL/REC
REPAIR STOCK

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

FD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400084460

U.S. Government Printing Office: 1989-244-058

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
DOC IDENT		RI FROM		M & S		STOCK NUMBER										QUANTITY		DOCUMENT NUMBER										SUPPLEMENTARY ADDRESS										DISTRIBUTION		PROJECT		REQ'D DEL DATE		ADV		RI		UNIT PRICE																															
A5A		AWI				1005-01-243-2136										EA 00005		W33BQ9 2161-0113										CMBBAN MGA														03						5145.00																															
SHIPPED FROM SUPPLY AND SERVICES DIVISION WHS 224 490 FT BENNING GA 31905															SHIP TO REMINGTON ARMS CO INC ATTN: CUSTOM SHOP 14 HOEFER AV MILTON NY 13357															MARK FOR PROJECT #1										TOTAL PRICE DOLLARS CTS. 25,725.00																																							
WAREHOUSE LOCATION										TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																																			
F										G		H		I		J		K		L		M		N		Q		F		Q		R		S																																													
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)															FREIGHT CLASSIFICATION NOMENCLATURE																																																																
T															U RIFLE 7.62 MM M24 (SNIPER)															V																																																	
															ITEM NOMENCLATURE																																																																
W															X															Y																																																	
SELECTED BY AND DATE RT 2164															TYPE OF CONTAINER(S) BX Container										TOTAL WEIGHT 295										RECEIVED BY AND DATE SN: C6349084										INSPECTED BY AND DATE																																		
PACKED BY AND DATE RT 2164															NO. OF CONTAINERS(S) 5										TOTAL CUBE 32.5										WAREHOUSED BY AND DATE C6225234 C6225255 C622517 C6498748										WAREHOUSE LOCATION																																		
REMARKS SHIP: US REGISTERED RETURN RECEIPT REQUESTED																																																																															
FIRST DESTINATION ADDRESS															DATE SHIPPED																																																																
11															12										FF										GG																																												
13 TRANSPORTATION CHARGEABLE TO															14 BLADING, AWB, 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

12 JUN 1992
ORIGINAL

M2400084461

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225117

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/9/92	RW
600	Proof		7/9/92	RW
607	Check Headspace		7/9/92	RW
610	Dis-assemble Gun		7/9/92	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		7/9/92	RW
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		7-27-92	A
	A) Time		7-27-92	A
	B) Malfunctions		7-27-92	A
	C) Pierced Primers		7-27-92	A
	D) Optical Clarity of Scope		7-27-92	A
645	Inspect for Live Ammo		7-27-92	A
655	Final Inspection			
	A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225117
27 Jul 1992

CENTROIDAL DISTANCES

0 TO	1	.481682
1 TO	2	.388376
1 TO	3	1.02544
1 TO	4	.489254
1 TO	5	.145279

3
4
5

←---POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0946
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.107
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .142822
THE AMR FOR THIS RIFLE IS: 1.059

27 Jul 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8225117

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.183

VS= 2.027

GS= 2.693

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE

NUMBER IN TWO INCH CIRCLE

NUMBER IN THREE INCH CIRCLE

10

9

8

.678

-.927

.914

-1.113

.218

-.529

.572

.465

.921

1.427

1.605

2.027

2.476

1

6

10

.758

-.847

.774

-1.225

.138

-.389

.413

.495

.867

1.489

1.605

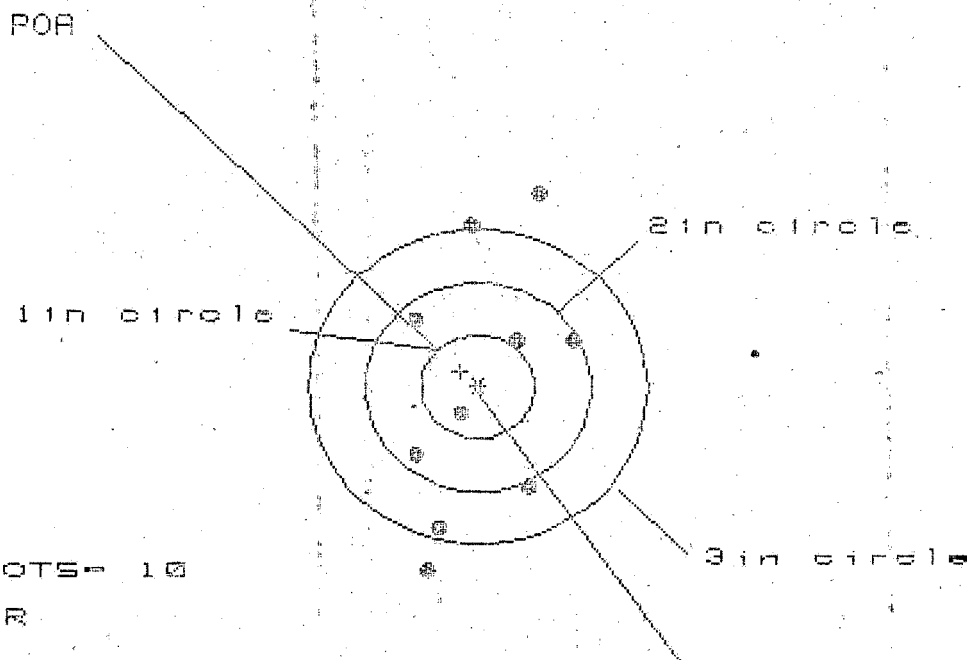
1.999

2.213

27 Jul 1992

FILE:/PATTERNING/CENTERFIRE_PATT/CS225117

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 1.462

VS= 3.615

GS= 3.753

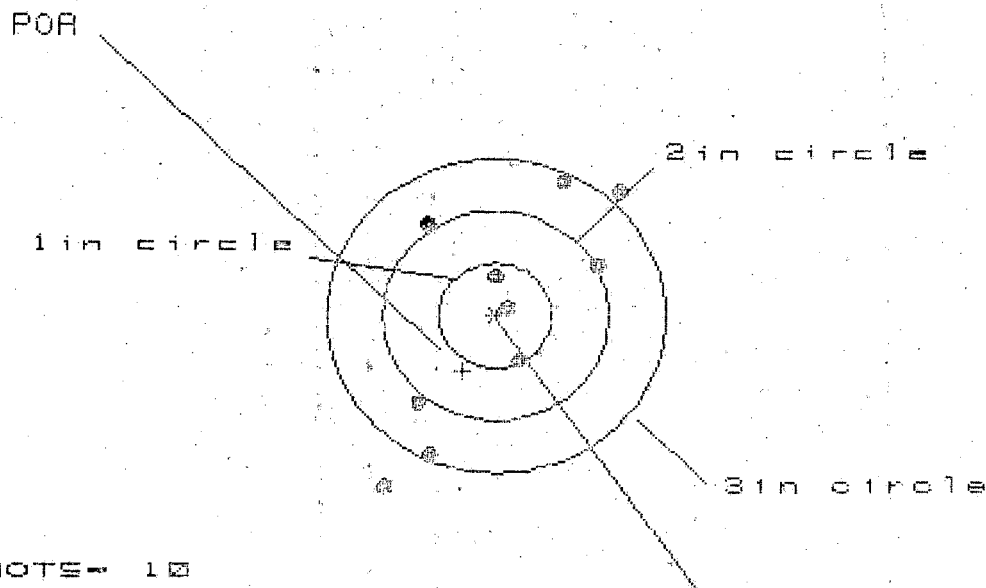
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.970	.927	.872
MINIMUM X	:	-.592	-.535	-.590
MAXIMUM Y	:	1.872	1.767	1.575
MINIMUM Y	:	-1.743	-1.535	-1.376
CENTROID X	:	.154	.097	.152
CENTROID Y	:	-.150	-.358	-.166
POA TO CENTROID in.	:	.215	.371	.225
MIN RADIUS	:	.279	.100	.265
MEAN RADIUS	:	1.149	1.034	.966
MAX RADIUS	:	1.941	1.767	1.576
HORIZONTAL SPREAD	:	1.462	1.462	1.462
VERTICAL SPREAD	:	3.615	3.382	2.951
EXTREME SPREAD	:	3.753	3.329	2.967
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

27 Jul 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06225117

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 3

3 in = 8

HS= 2.138

VS= 2.880

GS= 3.506

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	1.000	.949
MINIMUM X	:	-1.024	-.769	-.644
MAXIMUM Y	:	1.258	1.078	1.200
MINIMUM Y	:	-1.622	-1.481	-1.359
CENTROID X	:	.294	.488	.283
CENTROID Y	:	.523	.703	.581
POA TO CENTROID in.	:	.600	.813	.647
MIN RADIUS	:	.186	.078	.169
MEAN RADIUS	:	1.060	.929	.878
MAX RADIUS	:	1.918	1.648	1.484
HORIZONTAL SPREAD	:	2.138	1.769	1.593
VERTICAL SPREAD	:	2.880	2.559	2.559
EXTREME SPREAD	:	3.506	3.001	2.812
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

27 JUL 1992

FILE: PATTERNING/CENTERFIRE_PATT/C6225117

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 1

2in = 1

3in = 9

HS = 2.710

VS = 2.291

GS = 3.046

PATTERN #

4

SHOTS (BEST OF)

10

9

8

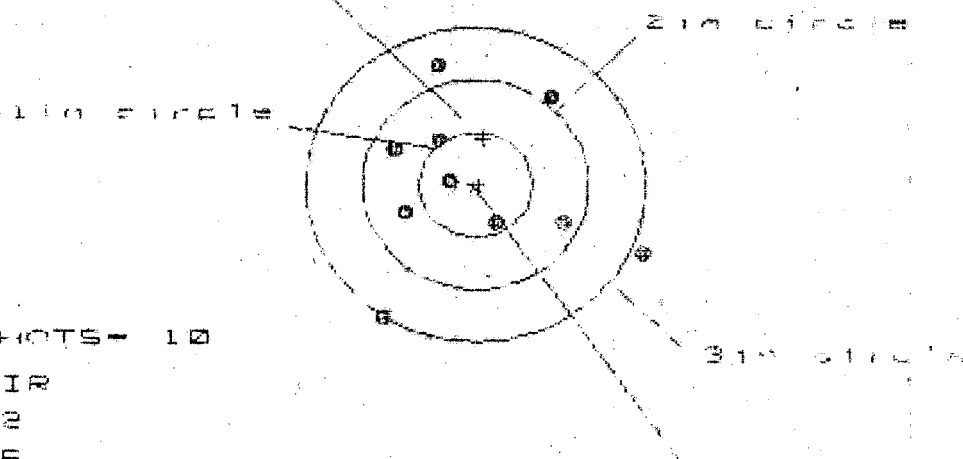
MAXIMUM X	1.304	1.148	1.016
MINIMUM X	-1.406	-1.436	-1.293
MAXIMUM Y	1.336	1.233	1.277
MINIMUM Y	-.955	-1.058	-1.014
CENTROID X	.032	.108	.045
CENTROID Y	.011	.114	.070
POA TO CENTROID IN.	.034	.220	.088
MIN RADIUS	.373	.222	.358
MEAN RADIUS	1.190	1.103	1.103
MAX RADIUS	1.687	1.463	1.342
HORIZONTAL SPREAD	2.710	2.584	2.309
VERTICAL SPREAD	2.291	2.291	2.291
EXTREME SPREAD	3.046	2.619	2.431
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		1	
NUMBER IN THREE INCH CIRCLE =		9	

27 Jul 1992

FILE: PATTERNING/CENTERFIRE_PATT 06235117

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS - 10

IN CIR

1 IN = 2

2 IN = 6

3 IN = 9

MS = 2.327

VS = 2.375

GS = 2.592

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.433	.954	.869
MINIMUM X	:	-.844	-.680	-.596
MAXIMUM Y	:	1.139	1.061	.896
MINIMUM Y	:	-1.236	-1.314	-1.270
CENTROID X	:	-.074	-.238	-.154
CENTROID Y	:	-.442	-.364	-.149
POA TO CENTROID in.	:	.448	.435	.232
MIN RADIUS	:	.225	.058	.233
MEAN RADIUS	:	.904	.782	.707
MAX RADIUS	:	1.643	1.480	1.012
HORIZONTAL SPREAD	:	2.327	1.634	1.508
VERTICAL SPREAD	:	2.375	2.375	1.531
EXTREME SPREAD	:	2.592	2.592	1.912
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

[illegible]

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 DC 2/29 Inf Regt (U.S. Army Sniper School)				2. NOMENCLATURE AND MODEL 7.62mm M-24 Sniper Weapon System					
3. REGISTRATION/SERIAL/NSN C6225 235		4a. MILES	b. HOURS	c. ROUNDS FIRED 10090	d. HOT STARTS	e. DATE 17 April '92	6. TYPE INSPECTION After Ops		
7. APPLICABLE REFERENCE									
TM NUMBER 9-1005-306-10a/ch 1				TM DATE June '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) SSG Pullitz Kenneth G. Pullitz				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	
7	X	Scope SN 88 1230 has approximately 1/4 moa play in the windage adjustment knob when dialing corrections to the right.							

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-06905

INITIAL CUSTOMER ORDER NO.

FPS

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	PM 6-92	C6225117		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

R649329025

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

Front & Rear Sight Assy Very Rusty - IN/op

PARTS

COMMENTS

Barrel - 96003	Re powder Coat Trigger Guard
Firing pin Assy. 96007	Assy. Front & Rear Sight Bases
Rear Sight Assy - 96119	Re Zinc. Scope Base, Rings,
Front Sight Assy 96118	Swivels & Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400084475

NMP COPY 2

M2400084476

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 th INF U.S. ARMY SNIPER SCHOOL			2. NOMENCLATURE AND MODEL 7.62mm M24 SNIPER WEAPON SYSTEM		
3. REGISTRATION/SERIAL/NSN C6025447	4a. MILES	b. HOURS	c. ROUNDS FIRED 9,643	d. HOT STARTS	e. DATE 08 JUN 94
			f. TYPE INSPECTION AMCS		
7. APPLICABLE REFERENCE					
TM NUMBER 9-1005-306-10		TM DATE FEB 89		TM NUMBER	
TM DATE					
COLUMN a - Enter TM item number.			COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.		
COLUMN b - Enter the applicable condition status symbol.			COLUMN e - Individual ascertaining completed corrective action initial in this column.		
COLUMN c - Enter deficiencies and shortcomings.					
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)		Bb. TIME	9a. SIGNATURE (Maintenance Supervisor)		9b. TIME
10. MANHOUR 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 MISSING HEX NUT			
1	X	MISSING TM 9-1005-306-10			
2	X	WEAPON NEEDS A NEW BARREL (9,643 RNDG)			

CONTRACT # DAAA21-87-C-0086

1231

New Barrel

GUN SERIAL # C6225117

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		3/18/95	Rw

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.022	.023	.022	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: C6225117

DATE REC'D: 2/24/95

DATE RET'D:

AUDITOR: *PM*

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 # 06225117
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.082801
1 TO	2	.552819
1 TO	3	.258327
1 TO	4	.534329
1 TO	5	.181893

σ_{34}^2 -----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0556
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0603235
THE AMR FOR THIS RIFLE IS: 1.123

28 Mar 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225117

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.275

VS = 2.839

GS = 2.889

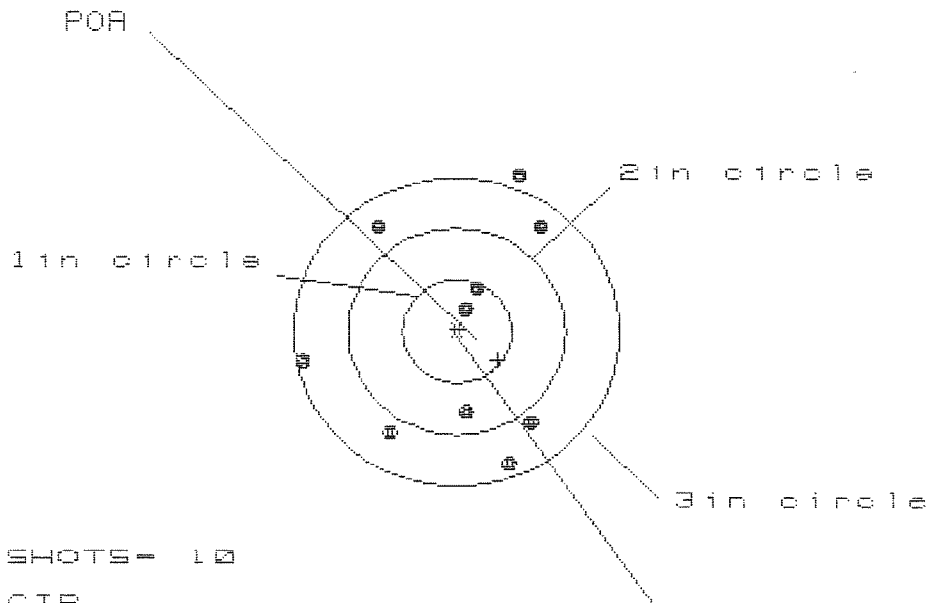
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.210	1.252	1.318
MINIMUM X	:	-1.065	-1.023	-.957
MAXIMUM Y	:	1.120	.929	.714
MINIMUM Y	:	-1.719	-1.724	-1.149
CENTROID X	:	.066	.024	-.042
CENTROID Y	:	-.050	.141	.356
POA TO CENTROID in.	:	.083	.143	.359
MIN RADIUS	:	.630	.440	.226
MEAN RADIUS	:	1.075	.945	.767
MAX RADIUS	:	1.761	1.802	1.383
HORIZONTAL SPREAD	:	2.275	2.275	2.275
VERTICAL SPREAD	:	2.839	2.653	1.863
EXTREME SPREAD	:	2.889	2.727	2.307
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225117

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HSE = 2.120

VSE = 2.856

OSE = 2.861

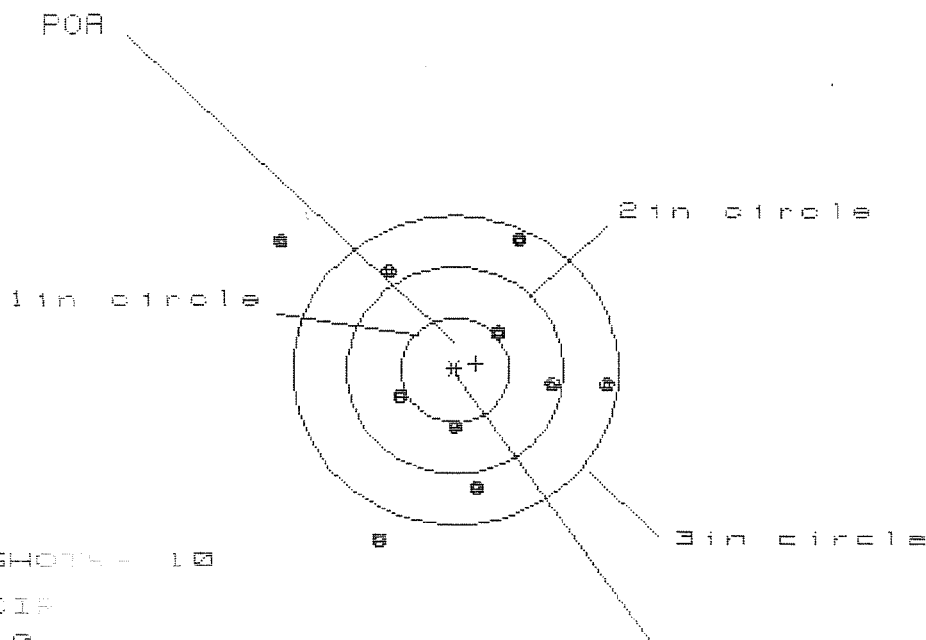
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.730	.799	.633
MINIMUM X	:	-1.389	-1.321	-.821
MAXIMUM Y	:	1.554	1.237	1.218
MINIMUM Y	:	-1.302	-1.130	-1.149
CENTROID X	:	-.379	-.448	-.283
CENTROID Y	:	.278	.106	.125
POA TO CENTROID in.	:	.471	.460	.309
MIN RADIUS	:	.235	.418	.389
MEAN RADIUS	:	1.068	1.002	.944
MAX RADIUS	:	1.670	1.400	1.469
HORIZONTAL SPREAD	:	2.120	2.120	1.454
VERTICAL SPREAD	:	2.856	2.367	2.367
EXTREME SPREAD	:	2.861	2.639	2.639
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225117

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIP

1 in = 0

2 in = 4

3 in = 8

HS= 2.992

VS= 2.930

GS= 3.309

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.415	1.240	1.127
MINIMUM X	:	-1.577	-.906	-.933
MAXIMUM Y	:	1.299	1.374	1.188
MINIMUM Y	:	-1.631	-1.487	-1.210
CENTROID X	:	-.192	-.017	.096
CENTROID Y	:	-.063	-.207	-.021
POA TO CENTROID in.	:	.202	.208	.098
MIN RADIUS	:	.543	.466	.360
MEAN RADIUS	:	1.155	1.032	.928
MAX RADIUS	:	2.043	1.741	1.276
HORIZONTAL SPREAD	:	2.992	2.146	2.060
VERTICAL SPREAD	:	2.930	2.861	2.398
EXTREME SPREAD	:	3.309	3.158	2.434
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

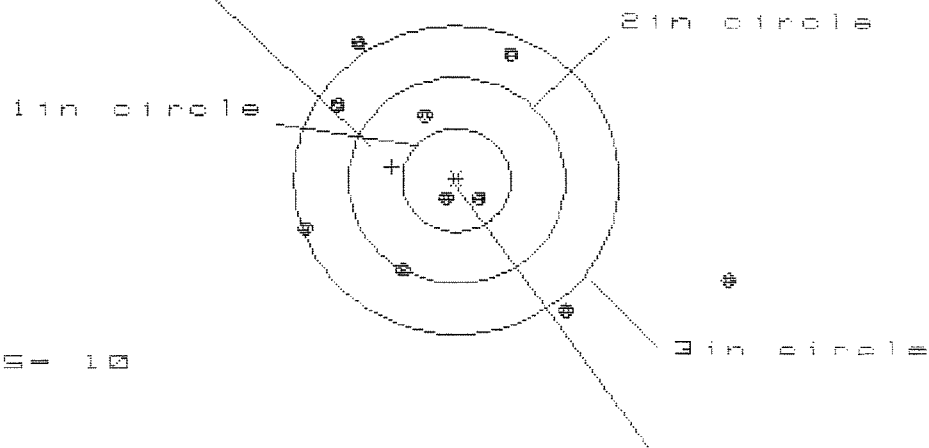
26 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225117

CENTERFIRE PATTERNS

4

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 3

3in = 7

HSI = 3.930

VS = 2.542

GS = 4.102

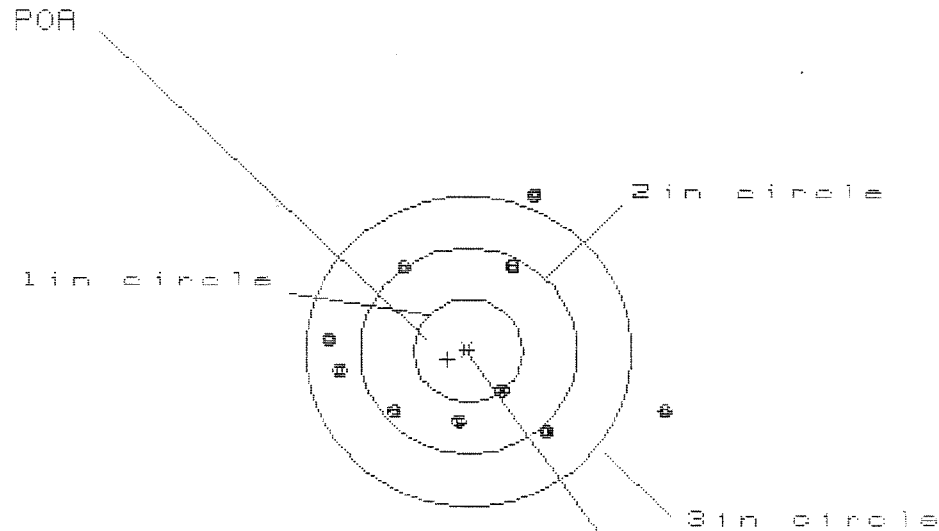
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.533	1.280	.981
MINIMUM X	-1.397	-1.116	-.956
MAXIMUM Y	1.310	1.202	1.034
MINIMUM Y	-1.232	-1.340	-1.181
CENTROID X	.594	.313	.153
CENTROID Y	-.132	-.024	.144
POA TO CENTROID in.	.609	.314	.210
MIN RADIUS	.170	.320	.367
MEAN RADIUS	1.221	1.037	.929
MAX RADIUS	2.714	1.854	1.369
HORIZONTAL SPREAD	3.930	2.396	1.937
VERTICAL SPREAD	2.542	2.542	2.215
EXTREME SPREAD	4.102	3.158	2.567
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225117

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.071

VS= 2.305

GS= 3.146

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.775	.894	.994
MINIMUM X	:	-1.296	-1.098	-.998
MAXIMUM Y	:	1.491	1.425	.909
MINIMUM Y	:	-.814	-.880	-.701
CENTROID X	:	.189	-.009	-.108
CENTROID Y	:	.084	.150	-.029
POR TO CENTROID in.	:	.206	.150	.112
MIN RADIUS	:	.467	.654	.548
MEAN RADIUS	:	1.097	.999	.885
MAX RADIUS	:	1.872	1.634	1.216
HORIZONTAL SPREAD	:	3.071	1.992	1.992
VERTICAL SPREAD	:	2.305	2.305	1.610
EXTREME SPREAD	:	3.146	2.432	2.188
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	