

G 6590046

Reynolds

C-6225124

Scope Case
Deploy KIT
Soft Case
Slings

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: RE00133023

Serial: C6225124 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:13:39 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

8/22/2007

7:53 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:53 AM

Serial Number:

C6225124

Model: M24 SWS



RE00133023

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590046.___0
FILE DATE AND TIME: 10/16/2007 12:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.054
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.655
The Distance from POA to Centroid Target #1:	0.121
The Distance from Centroid Target #2 to Centroid Target #1:	0.085
The Distance from Centroid Target #3 to Centroid Target #1:	0.179
The Distance from Centroid Target #4 to Centroid Target #1:	0.154
The Distance from Centroid Target #5 to Centroid Target #1:	0.018

SERIAL NUMBER: G6590046. __0

TARGET NUMBER: 1

FILE DATE: 10/16/2007

FILE TIME: 12:46

X CENTROID: -0.022

Y CENTROID: -0.119

POA TO CENTROID: 0.121

HORZ SPREAD: 1.973

VERT SPREAD: 1.997

GROUP SPREAD: 2.055

MIN RADIUS: 0.501

MAX RADIUS: 1.358

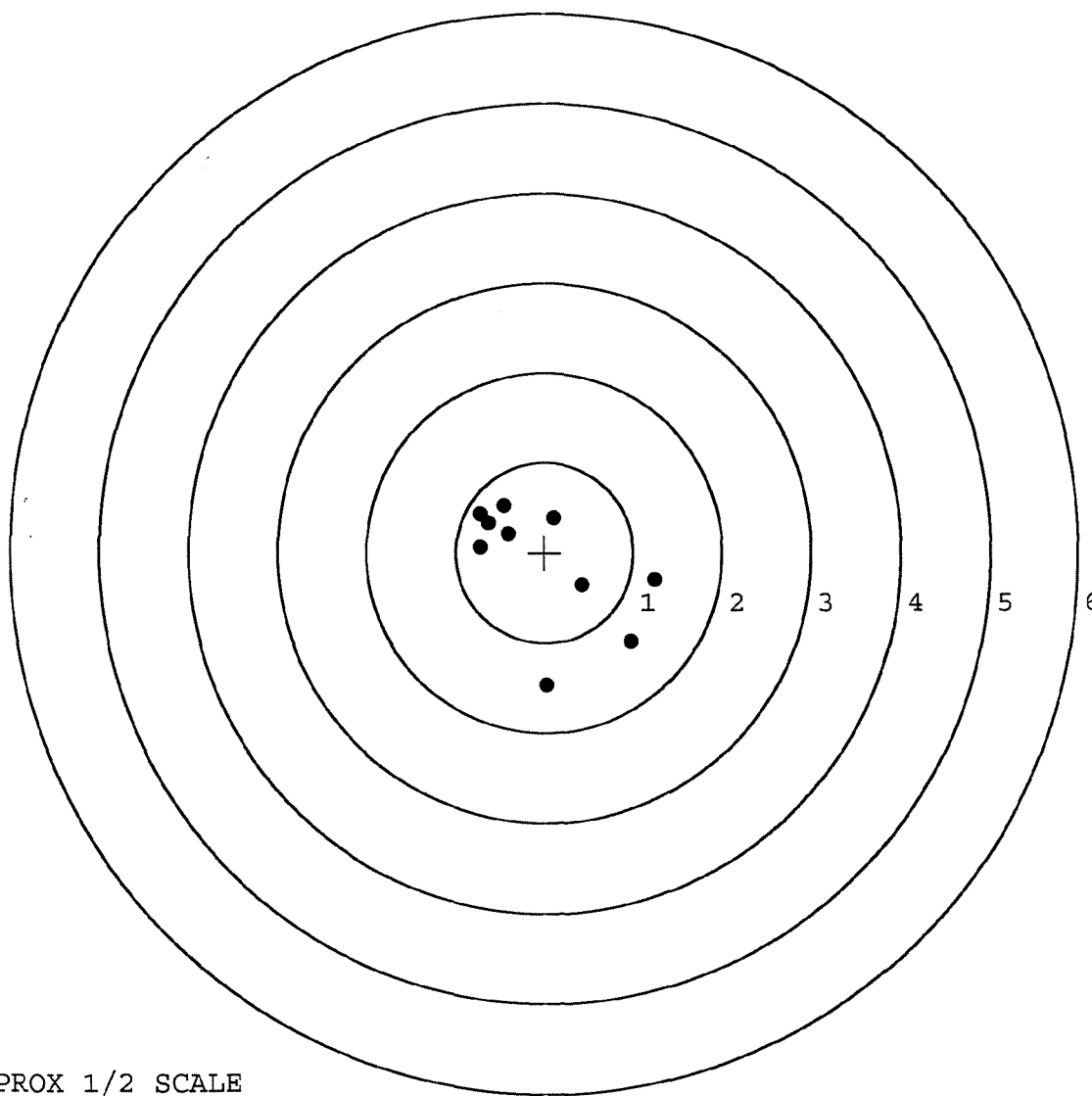
MEAN RADIUS: 0.865

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.243	-0.306
2:	0.969	-0.988
3:	0.020	-1.476
4:	0.420	-0.356
5:	0.106	0.380
6:	-0.464	0.521
7:	-0.730	0.432
8:	-0.420	0.212
9:	-0.726	0.065
10:	-0.634	0.327

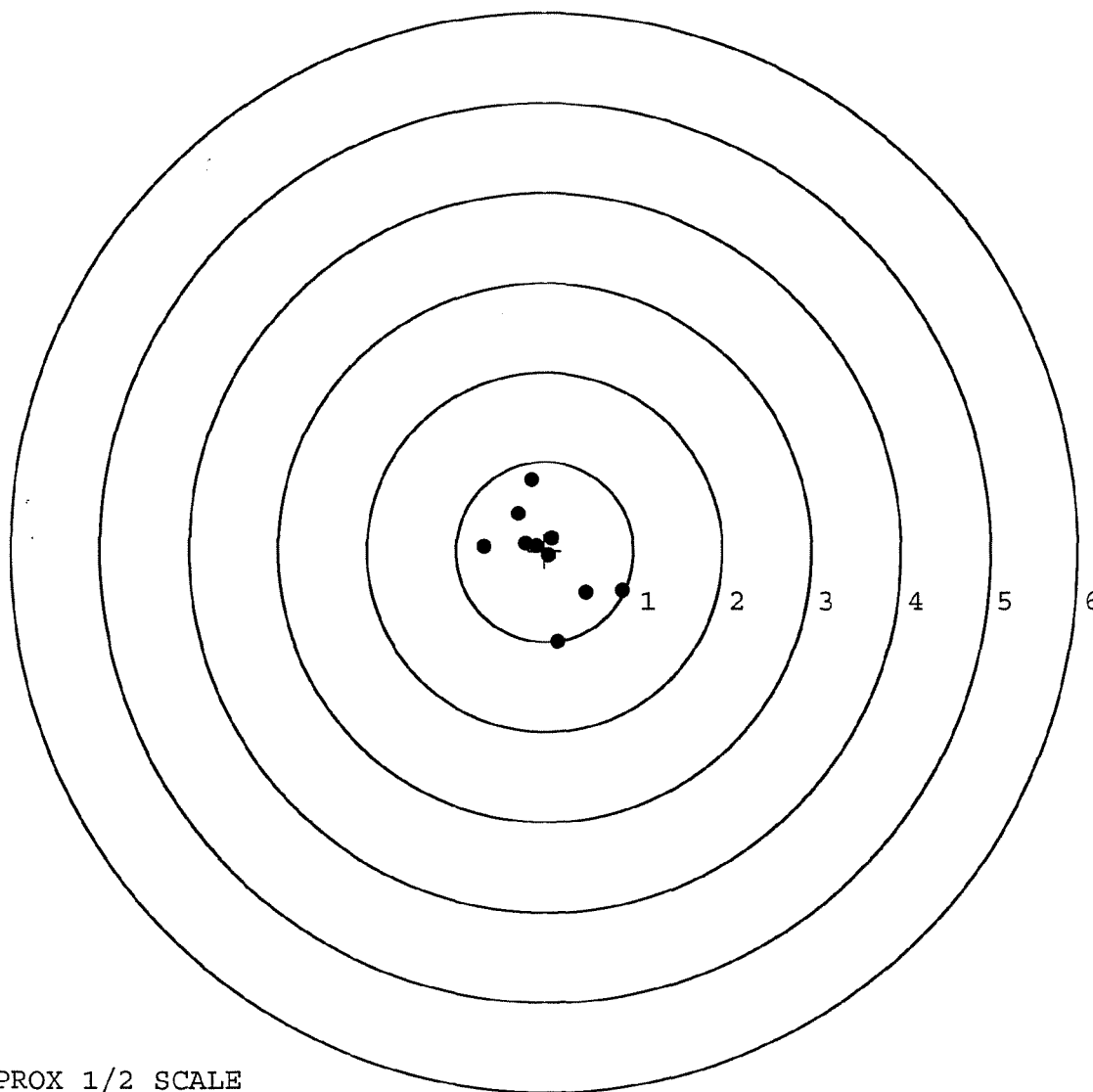


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590046. __0
TARGET NUMBER: 2
FILE DATE: 10/16/2007
FILE TIME: 12:46

X CENTROID: 0.015
Y CENTROID: -0.042
POA TO CENTROID: 0.045
HORZ SPREAD: 1.559
VERT SPREAD: 1.806
GROUP SPREAD: 1.830
MIN RADIUS: 0.031
MAX RADIUS: 0.978
MEAN RADIUS: 0.529
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.877	-0.439
2:	0.460	-0.457
3:	0.145	-1.011
4:	-0.153	0.795
5:	-0.306	0.417
6:	-0.682	0.052
7:	0.080	0.146
8:	-0.217	0.081
9:	0.040	-0.060
10:	-0.099	0.054

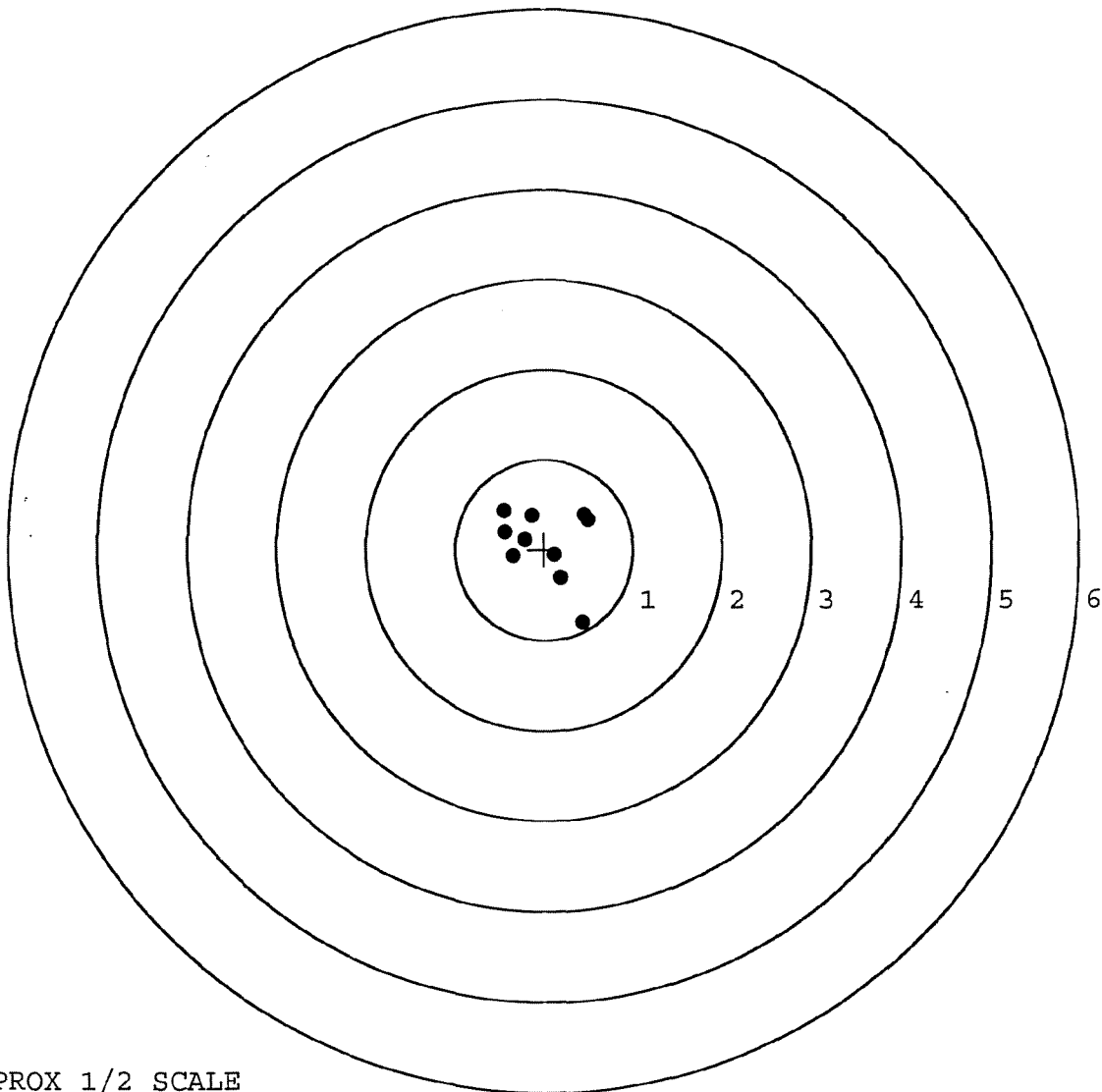


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590046. __0
TARGET NUMBER: 3
FILE DATE: 10/16/2007
FILE TIME: 12:46

X CENTROID: 0.005
Y CENTROID: 0.058
POA TO CENTROID: 0.059
HORZ SPREAD: 0.949
VERT SPREAD: 1.229
GROUP SPREAD: 1.516
MIN RADIUS: 0.168
MAX RADIUS: 0.957
MEAN RADIUS: 0.469
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.427	-0.801
2:	0.181	-0.319
3:	0.118	-0.066
4:	0.489	0.337
5:	0.453	0.393
6:	-0.142	0.377
7:	-0.460	0.428
8:	-0.347	-0.075
9:	-0.218	0.113
10:	-0.452	0.197

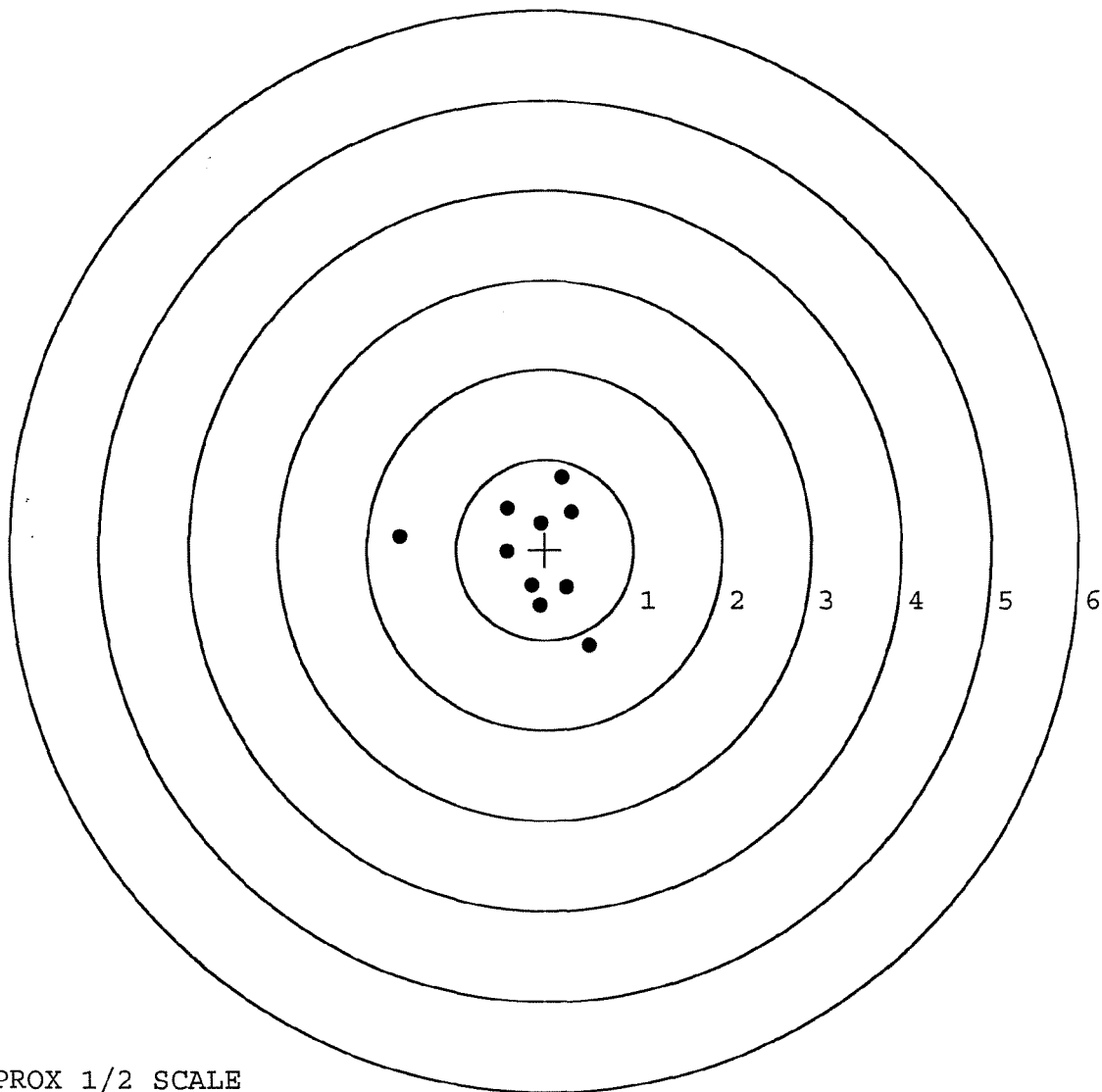


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590046. __0
TARGET NUMBER: 4
FILE DATE: 10/16/2007
FILE TIME: 12:46

X CENTROID: -0.153
Y CENTROID: -0.037
POA TO CENTROID: 0.157
HORZ SPREAD: 2.137
VERT SPREAD: 1.859
GROUP SPREAD: 2.450
MIN RADIUS: 0.281
MAX RADIUS: 1.496
MEAN RADIUS: 0.695
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.499	-1.054
2:	0.244	-0.410
3:	-0.056	-0.620
4:	-0.151	-0.397
5:	-1.638	0.145
6:	-0.433	-0.024
7:	-0.427	0.463
8:	-0.052	0.297
9:	0.294	0.420
10:	0.193	0.805

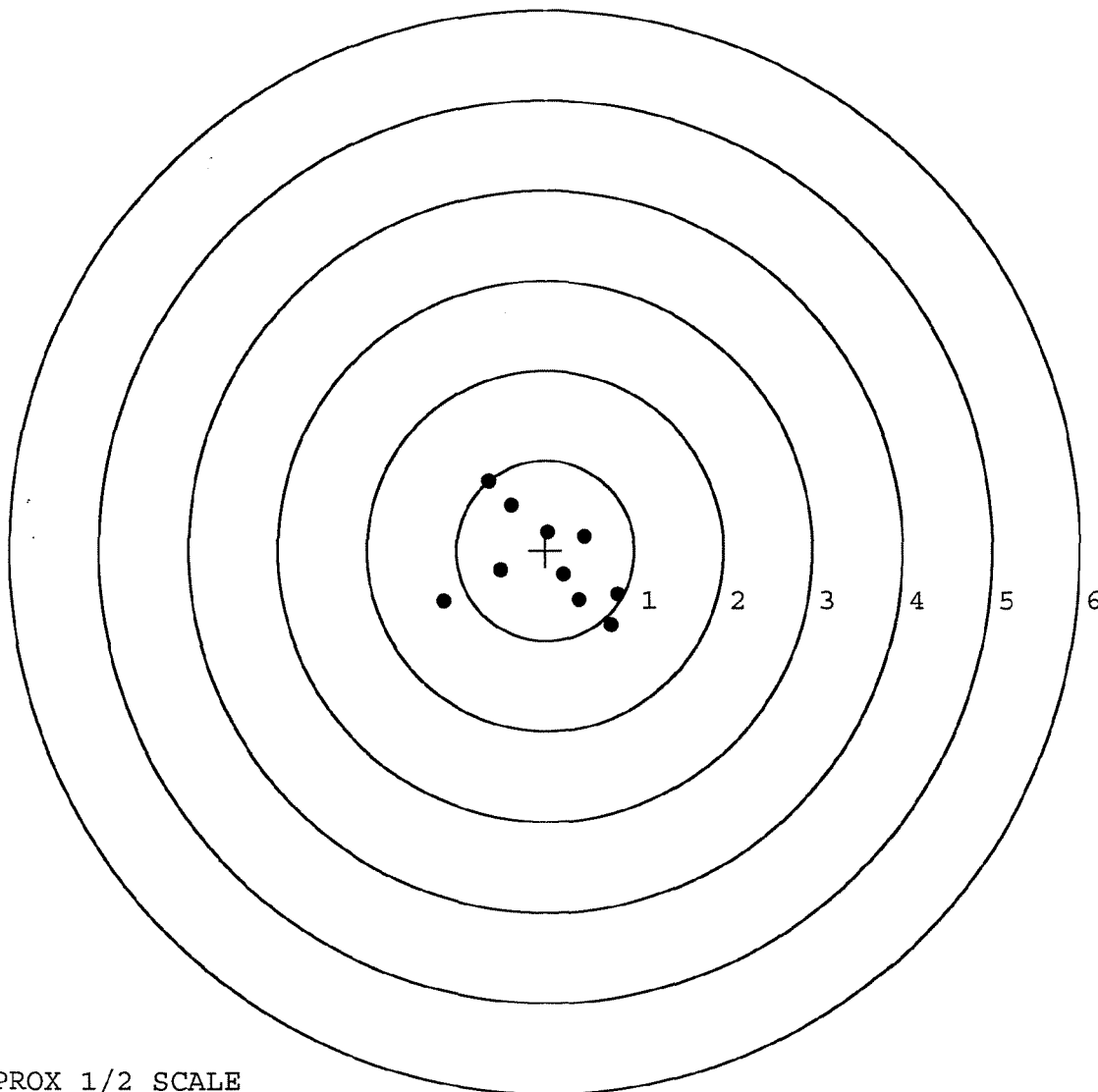


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590046. __0
TARGET NUMBER: 5
FILE DATE: 10/16/2007
FILE TIME: 12:46

POINT#	X	Y
1:	0.738	-0.829
2:	0.810	-0.483
3:	0.378	-0.550
4:	0.438	0.164
5:	0.201	-0.270
6:	0.032	0.206
7:	-0.502	-0.225
8:	-0.389	0.503
9:	-0.634	0.770
10:	-1.141	-0.575

X CENTROID: -0.007
Y CENTROID: -0.129
POA TO CENTROID: 0.129
HORZ SPREAD: 1.951
VERT SPREAD: 1.599
GROUP SPREAD: 1.953
MIN RADIUS: 0.251
MAX RADIUS: 1.219
MEAN RADIUS: 0.716
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER <u>133023</u>			
SERIAL NUMBER <u>C6225124</u> <u>G6590046</u>			
LOG-IN DATE <u>8-22-07</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-1-07	RTZ
505	RE-BARREL	10-3-07	RTZ
560	ASSEMBLE	10-3-07	RTZ
600	PROOF	10-4-07	TRW
605	CHECK HEADSPACE	10-4-07	TRW
610	DIS-ASSEMBLE GUN	10-4-07	TRW
612	MAGNAFLUX	10-5-07	und
510	DRILL AND TAP	10-5-07	FW
615	ROLLMARK CALIBER	10-5-07	CW
618	ROTO-BLAST	10-8-07	Ly
620	APPLY COATINGS	10/9/07	AS
625	FINAL ASSEMBLY	10-15-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL 10-16-07	TRW
650	TARGET	(PASS) FAIL 10-16-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-16-07	RTZ
	A) HEADSPACE	(PASS) FAIL 10-22-07	RTZ
	B) TRIGGER PULL	251 2.46 250 2.52 2.51 10/19/07	mm
680	F) SAFETY ON FORCE	425 4.0 40 10-22-07	RA
	G) SAFETY OFF FORCE	20 20 20 10-22-07	RA
	I) FIRING PIN INDENT	.023 .023 .0225 10-22-07	RA
690	PACK	10-23-07	RA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-23338

INITIAL CUSTOMER ORDER NO.

FPS

M24 W/ULTRA 10X-M3A SCOPE, DEPLOYMENT KIT, AND
BY-POD. ATTN: FRED MARTIN

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

09/19/95

09/21/95

PO 6-94

C6225124

700 7.62

NATO

ACCESSORIES

W/STUDS

SOFT CASE

HARD CASE

SCOPE MNTS

SCOPE BASE

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.

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 Bolt Handle

PARTS

COMMENTS

Bolt Assy

96005

W52H09 5570 #226

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

M2400163754

DOC IDENT	RI FROM	M & S	STOCK NUMBER																				UNIT PRICE	DOLLARS	CTS.
FTEAW9K	1005-01-240-2136	EA	00001W33GG3 5261-0002																				\$5,145.00		
SHIPED FROM CDR, 1/75TH RGR.REGT. ATTN:CW3 HUMES, PBO HAAF, GA. 31409-5120		SHIP TO REMINGTON ARMS CO. ATTN:FABRICATED PROD. DEPT. 14 HOEFLER AVE. ILLION, NY 13357-1816		MARK FOR		PROJECT		TOTAL PRICE		DOLLARS	CTS.														
WAREHOUSE LOCATION		TYPE OF CARGO	UNIT PACK	UNIT WEIGHT	UNIT CUBE	UFC	NMFC	FREIGHT RATE	DOCUMENT DATE	MAT COND	QUANTITY														
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)		FREIGHT CLASSIFICATION NOMENCLATURE																							
LIN:R95387 SER.#C6225124																									
ITEM NOMENCLATURE		RIFLE, 7.62MM, M24 SNIPER RIFLE																							
SELECTED BY AND DATE		TYPE OF CONTAINER(S)		TOTAL WEIGHT		RECEIVED BY AND DATE		INSPECTED BY AND DATE																	
PACKED BY AND DATE		NO. OF CONTAINER(S)		TOTAL CUBE		WAREHOUSED BY AND DATE		WAREHOUSE LOCATION																	
REMARKS		WP.N. BEING TURNED-IN PLEASE SIGN DATE AND RETURN ONE COPY																							
FIRST DESTINATION ADDRESS		DATE SHIPPED		RECEIVER'S DOCUMENT NUMBER																					
TRANSPORTATION CHARGEABLE TO		BLADING: AHS ON RECEIVER'S SIGNATURE (AND DATE)		RECEIVER'S DOCUMENT NUMBER																					

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

New Bolt

GUN SERIAL # C6225124

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof		9/22/95	RW
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt		9/22/95	RW
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		9/22/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/22/95	RW
	C) Inspect Ejector Hole for Chamfer		9/22/95	RW
	D) Oil Firing Pin Ass'y		9/22/95	RW
	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				9/22/95	RW
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				9/22/95	RW
655	Final Inspection					
	A) Headspace				9/22/95	RW
	B) Trigger Pull				9/22/95	RW
	C) Function				9/22/95	RW
660	Pack					

Final Inspection

Sn: C6225/24

DATE REC'D: 9/19/95

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

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

Scope Assy.

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

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

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

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: _____

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-21424

INITIAL
FPS

ATTN: FRED MARTIN/M-24
W/BY POD & ULTRA 10X-M3A SCOPE & DEPLOYMENT KIT

DATE RECEIVED 07/18/94	DATE OPENED 07/18/94	DATE CODE DI 9-88	SERIAL NUMBER C6225124	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS		W/SWIVELS		SCOPE MNTS	SCOPE BASE
SOFT CASE W/HARD CASE L/1 STUD					

FROM:

SHIP TO:

CDR, 1ST BN 75TH RANGER REGT
ATTN: PFC MEAD "C" CO
1/75TH RANGER REG
HAAF

GA 31409

CDR, 1ST BN 75TH RANGER REGT
ATTN: PFC MEAD "C" CO
1/75TH RANGER REG
HAAF

GA

31409

CUST NO: 059608 C.D.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	A	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

Bad Barrel Broken b.-pod

PARTS

COMMENTS

Barrel - 96003
Bi-pod Assy - 96017
Soft Rifle Carrying Case - 96076

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

W55 H09 4221 #228

REPAIRMAN RW	PROOF W	CLEAN L	TEST L	TARGET L	PATTERN
GALLERY TESTER RW	DATE 7/20/94	DATE 8/16/94	DATE 8/16/94	DATE 8/16/94	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400163760

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available, Consult postmaster for fees and check box(es) for additional service(s) requested. 1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)	
3. Article Addressed to: REMINGTON ARMS CO., INC. ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. LLION, NEW YORK 13357-1816 CONTRACT# DAAA09-92-C-0834 M24, ser#C6225124	4. Article Number
5. Signature — Address X	Type of Service: ☒ Registered ☐ Insured ☐ Certified ☐ COD ☐ Express Mail ☒ Return Receipt for Merchandise
6. Signature — Agent X	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u>.
7. Date of Delivery	8. Addressee's Address (ONLY if requested and fee paid)
PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT	

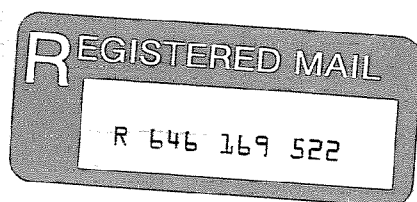
Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300



For use of this form, see PAM 738-750; the proponent agency is DCSLOG

SECTION II - MAINTENANCE ACTIVITY DATA

SECTION III - EQUIPMENT DATA

24a. REMARKS

BAD BARREL BROKEN RIFLE
10,000 RDS FIRED

Doc. SPC ILWIN (912)352-5846

SECTION IV - REPORTABLE DATA

SECTION V - TASK REQUIREMENTS DATA

SECTION VI - PART REQUIREMENTS

SECTION VII - COMPLETION DATA

SECTION VIII - ACTION SIGNATURES

34a. SUBMITTED BY <i>Carl M Bay</i>		35a. ACCEPTED BY		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY				
34b. ORD. DATE 9.4.19.3	35b. ST#	35c. ORD DATE	35d. MIL TIME	36b. ST#	36c. ORD DATE	36d. MIL TIME	37b. ST#	37c. ORD DATE	37d. MIL TIME	38b. ST#	38c. ORD DATE	38d. MIL TIME

COMP-DEC, INC. DAHC 31-82-D-0001

USE TYPEWRITER OR BALL POINT PEN

PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

DOC IDENT		ROUT IDENT		FSC		NON STOCK NUMBER		ADD UNIT		QUANTITY		REQ REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		FUND		DISTRIB		PROJECT		PRI		REQ DEL DATE		ADV		STAT	
SEND TO:										REQUEST IS FROM:																							
REMINGTON ARMS COMPANY, INC.										C CO, 1st BN, 75th RANGER REGT.																							
ATTN: fabricated products dept.										HAAF, GA 31409-5000																							
DOC IDENT		ROUT IDENT		FSC		NON STOCK NUMBER		ADD UNIT		QUANTITY		REQ REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		FUND		DISTRIB		PROJECT		PRI		REQ DEL DATE		ADV		STAT	
FTE		A W 9		1005-01-240-2136		EA		000001																									
W33GKF		#193-0100		W 33NYN																													
FUND		DISTRIBUTION		PROJECT		PRIORITY		REQ DEL DATE		FUNDED		NON-FUNDED																					
M24 Sniper weapons system ser#C6225124																																	
TURN-IN FOR MAINTENANCE		LIN#R95387																															
ADVANCE 23																																	
22																																	
55		56		57		58		59		70		71		72		73		74		75		76		77		78		79		80			
DOC IDENT		ROUT IDENT		FSC		NON STOCK NUMBER		ADD UNIT		QUANTITY		REQ REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		FUND		DISTRIB		PROJECT		PRI		REQ DEL DATE		ADV		STAT	
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											

REQUEST FOR ISSUE OR TURN-IN (DA Form 710-2-1)

COMP-DEC, INC. DAHC 31-82-D-0001

USE TYPEWRITER OR BALL POINT PEN
PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

DOC IDENT	REQ IDENT	FSC	MIN	ADD	UNIT OF ISSUE	QUANTITY	REQ	REQUISITIONER	DATE	SERIAL	DOC	SUPPLEMENTARY	FUND	DISTR	PROJECT	PRI	REQ DEL	ADV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SEND TO:										REQUEST IS FROM:								
C CO., 1st BN, 75th RGR RGT HAAF, GA 31409-5000										REMINGTON ARMS COMPANY, INC ATTN: FABRICATED PRODUCTS DEPT.								
EDITING DATA										STOCK NUMBER								
DOC IDENT HI - TO SUT										FSC MIN ADD UNIT OF QUANTITY								
AOE AW9										1005-01-240-2136 EA 000001								
SVC REQUISITIONER DOCUMENT NUMBER DATE SERIAL DOW AND SVC										ISSUE SUPPLEMENTARY ADDRESS								
W33CKE 14193-0101										W 33NYN								
FUND DISTRIBUTION PROJECT PRIORITY REQ DEL DATE FUNDED NON-FUNDED										COST DETAIL ACCOUNT NUMBER UNIT PRICE TOTAL PRICE								
12										ESSC								
ADVICE 23										ITEM DESCRIPTION								
22										M24 Sniper weapons system ser#C6225124								
MCS CODE										PUBLICATION DATA								
ISSUED										DATE POSTED INIT								
DATE OUT										DATE AVAILABLE INIT								
RECEIVED										DATE RECEIVED SIGNATURE								
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										DOLLARS CENTS								

REQUEST FOR ISSUE OR TURN-IN (DA Form 710-2-1)

06/21/94

COMPONENT SUB-HAND RECEIPT

PAGE 1 OF 4

01:16:47

HAND RECEIPT

FROM:

TO:

HAND RECEIPT NUMBER:

END ITEM STOCK NUMBER END ITEM DESCRIPTION
 1005-01-240-2136 7.62MM M24 SNIPER WEAPON SYSTEM(SWS)

PUBLICATION NUMBER PUB DATE QUANTITY
 TM 9-1005-306-10 C CO 01 MAY 93

STOCK NUMBER	ITEM DESCRIPTION	C A I C R I T C C UI	QTY AUTH	QUANTITY ON HAND						
				A	B	C	D	E	F	
1005-00-C01-0000	RIFLE 7.62MM REMINGTON MODEL 700 M24	C N U EA	1	1						
1005-01-C01-0001	SCOPE ULTRA 10X-M3A L & S INC M24	C N U EA	1	1						
5120-00-596-0940	SOCKET WRENC ATTACHMENT 3/8" HEX BIT 5/32"	B D U EA	1	1						
1005-01-260-2662	SYSTEM CASE	B N U EA	1	1						
1005-01-260-2663	FOAM, TOP	B X U EA	1	1						
1005-01-260-2664	FOAM, BOTTOM	B X U EA	1	1						
1005-01-262-2818	SOFT RIFLE CARRYING CASE	B N U EA	1	1						
1005-00-714-1245	SLING, SMALL ARMS	B X U EA	1	1						
1005-01-260-2665	BIPOD	A X U EA	1	1						
1005-01-260-2647	DEPLOYMENT CASE	B N U EA	1	1						
1005-01-260-2636	FIRING PIN ASSY	B X U EA	1	1						
1005-01-260-2656	FRONT GUARD SCREW	B X U EA	1	1						
1005-01-260-2655	REAR GUARD SCREW	B X U EA	1	1						
1005-01-260-2654	FRONT SIGHT BASE SCREW	B X U EA	1	1						
1005-01-260-2641	SWIVEL SCREW	B X U EA	1	1						
1005-01-260-2640	SWIVEL, SLING	B X U EA	1	1						
1005-01-260-2637	FRONT SIGHT INSERT KIT	B X U EA	1	1						
1005-01-260-2653	REAR SIGHT BASE SCREW	B X U EA	1	1						
5305-00-717-6928	REAR SIGHT BASE PLUG SCREW	B X U EA	1	1						
1005-01-260-2657	TRIGGER PULL ADJ. SCREW	B X U EA	1	1						
1005-01-260-2639	MAGAZINE SPRING	B X U EA	1	1						
1005-01-260-2638	MAGAZINE FOLLOWER	B X U EA	1	1						

4/21/94

COMPONENT SUB-HAND RECEIPT

PAGE 2 OF 4

17:16

IND RECEIPT

FROM:

TO:

HAND RECEIPT NUMBER:

4D ITEM STOCK NUMBER END ITEM DESCRIPTION
 X05-01-240-2136 7.62MM M24 SNIPER WEAPON SYSTEM(SWS)

PUBLICATION NUMBER PUB DATE QUANTITY
 TM 9-1005-306-10 C CO 01 MAY 93

STOCK NUMBER	ITEM DESCRIPTION	C A I C R I T C C UI	QTY AUTH	QUANTITY ON HAND						
				A	B	C	D	E	F	
1005-00-494-6602	BRUSH, CLEANING SMALL	B X U EA	1	1						
5120-00-198-5401	.050" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-198-5398	1/16" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-224-2504	5/64" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-242-7410	3/32" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-889-2162	7/64" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-240-5292	1/8" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-198-5392	5/32" KEY, SOCKET HEAD SCREW	B D U EA	1	1						
5120-00-832-6223	T-HANDLE COMBO WRENCH (SCREWDRIER, FLAT TIP)	B D U EA	1	1						
1005-01-260-2645	T-HANDLE TORQUE WRENCH	B D U EA	1	1						
5120-00-228-9506	WRENCH, BOX AND OPEN 1/2"	B D U EA	1	1						
5120-00-227-6702	SOCKET, SOCKET WRENCH 1/2"	B D U EA	1	1						
1005-00-690-8441	BRUSH, CHAMBER	B X U EA	1	1						
1005-00-556-4174	BRUSH, BORE	B X U EA	1	1						
1005-00-X01-0000	CLEANING ROD KIT, CONSISTING OF:	B X U EA	1	1						
1005-01-271-3856	T-HANDLE SECTION: CLEANING ROD KIT	B X U EA	1	1						
1005-01-271-3861	CLEANING ROD SECTION: CLEANING ROD KIT	B X U EA	4	4						
1005-00-937-2250	SWAB HOLDER: CLEANING ROD KIT	B X U EA	1	1						
1005-01-271-3857	ADAPTER: CLEANING ROD KIT	B X U EA	1	1						
1005-00-X01-0001	LENS CLEANING KIT, CONSISTING OF:	B X U EA	1	0						
6515-00-303-8250	APPLICATOR (Q-TIPS): LENS CLEANING KIT	B X U EA	1	0						
6640-00-663-0832	PAPER, LENS (CLEANING TISSUE): LENS CLEANING KIT	B X U EA	1	0						

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON

M2400163767

06/21/94
01:17:45

COMPONENT SUB-HAND RECEIPT

PAGE 3 OF 4

HAND RECEIPT

FROM:

TO:

HAND RECEIPT NUMBER:

END ITEM STOCK NUMBER END ITEM DESCRIPTION
1005-01-240-2136 7.62MM M24 SNIPER WEAPON SYSTEM(SWS)

PUBLICATION NUMBER PUB DATE QUANTITY
TM 9-1005-306-10 C CD 01 MAY 93

STOCK NUMBER	ITEM DESCRIPTION	C A I C R I T C C UI	QTY AUTH	QUANTITY ON HAND					
				A	B	C	D	E	F
8125-00-824-9058	BOTTLE (FOR CONTAINING ALCOHOL): LENS CLEANING KIT	B X U EA	1	<u>0</u>					
8020-00-224-8010	BRUSH, ARTISTS (CLEANING BRUSH): LENS CLEANING KIT	B X U EA	1	<u>0</u>					
1005-01-260-2661	CASE, LENS CLEANING: LENS CLEANING KIT	B X U EA	1	<u>1</u>					
9510-00-889-3522	OIL BOTTLE	B X U EA	1	<u>1</u>					
1005-00-288-3565	SWABS, CLEANING SMALL ARMS	B X U EA	1	<u>1</u>					
1005-01-260-2666	DAY OPTIC SIGHT CASE	B N U EA	1	<u>1</u>					
1005-01-260-2660	SUNSHADE (DAY OPTIC ONLY)	B X U EA	1	<u>1</u>					
1005-01-260-2648	DAY OPTIC SIGHT WINDAGE DIAL W/ SCREWS	B X U EA	1	<u>1</u>					
1005-01-260-2649	DAY OPTIC SIGHT ELEVATION DIAL W/ SCREWS	B X U EA	1	<u>1</u>					
1005-01-262-2817	DAY OPTIC SIGHT FOCUS DIAL W/ SCREWS	B X U EA	1	<u>1</u>					
1005-01-260-2642	DAY OPTIC SIGHT ADJ. DIAL DUST COVER	B X U EA	1	<u>1</u>					
1005-01-260-2650	DAY OPTIC SIGHT RING SCREWS	B X U EA	2	<u>2</u>					
1005-01-260-2651	DAY OPTIC SIGHTBASE SCREW FRONT	B X U EA	1	<u>1</u>					
1005-01-260-2652	DAY OPTIC SIGHT BASE SCREW REAR	B X U EA	1	<u>1</u>					
1005-01-260-2643	DAY OPTIC SIGHT DUST COVER, FRONT	B X U EA	1	<u>1</u>					
1005-01-260-2644	DAY OPTIC SIGHT DUST COVER, REAR	B X U EA	1	<u>1</u>					
1005-01-074-9595	SIGHT, TARGET RECEIVER (PALMA)	B X U EA	1	<u>1</u>					
1005-01-262-2819	SIGHT, FRONT REDFIELD INTERNATIONAL	B X U EA	1	<u>1</u>					

06/21/94

01:18:10

HAND RECEIPT

COMPONENT SUB-HAND RECEIPT

PAGE 4 OF 4

FROM:

TO:

HAND RECEIPT NUMBER:

END ITEM STOCK NUMBER 1005-01-240-2136
END ITEM DESCRIPTION 7.62MM M24 SNIPER WEAPON SYSTEM(SWS)

PUBLICATION NUMBER TM 9-1005-306-10 C CD
PUB DATE 01 MAY 93
QUANTITY

STOCK NUMBER	ITEM DESCRIPTION	C	A	I	C	R	I	QTY	QUANTITY ON HAND					
		T	C	C	UI	AUTH	A	B	C	D	E	F		
SIGNATURE <u>[Signature]</u>	GRADE <u>E-6</u> DATE <u>7 JUL 94</u> (COLUMN A)													
SIGNATURE _____	GRADE _____ DATE _____ (COLUMN B)													
SIGNATURE _____	GRADE _____ DATE _____ (COLUMN C)													
SIGNATURE _____	GRADE _____ DATE _____ (COLUMN D)													
SIGNATURE _____	GRADE _____ DATE _____ (COLUMN E)													
SIGNATURE _____	GRADE _____ DATE _____ (COLUMN F)													

Final Inspection

In: C6225/24

DATE REC'D: 7/18/94

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

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

Item:

Stock Assy.

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

Scope Assy.

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

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments: _____

M-24

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225124

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/20/94	RW
600	Proof		7/20/94	RW
607	Check Headspace		7/20/94	RW
610	Dis-assemble Gun		7/20/94	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		8/16/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/16/94	RW
	C) Inspect Ejector Hole for Chamfer		8/16/94	RW
	D) Oil Firing Pin Ass'y		8/16/94	RW
	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						8/16/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						8/16/94	RW
655	Final Inspection						8/16/94	CS
	A) Headspace							
	B) Trigger Pull	2.74	2.70	2.71	2.71	2.71	8/16/94	RW
	C) Function						8/16/94	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225124
18 Aug 1994

CENTROIDAL DISTANCES

0 TO	1	.392425
1 TO	2	.543015
1 TO	3	.757451
1 TO	4	.634656
1 TO	5	.582773

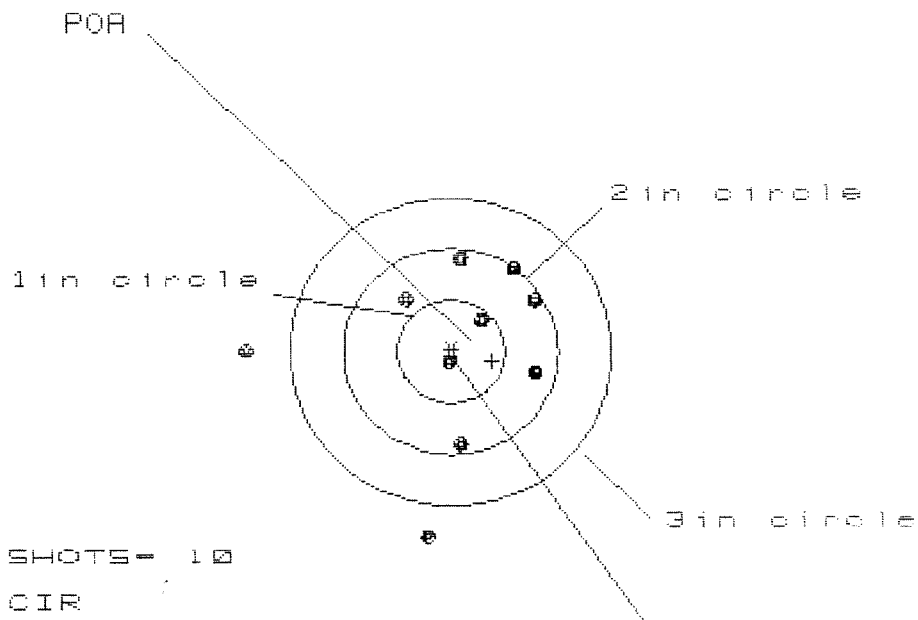
$\frac{1+4}{5^2}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.065
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1734
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .185183
THE AMR FOR THIS RIFLE IS: .8476

18 Aug 1994

FILE://PATTERNING/CENTERFIRE_PATT/C8225124

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 2.673

VS= 2.722

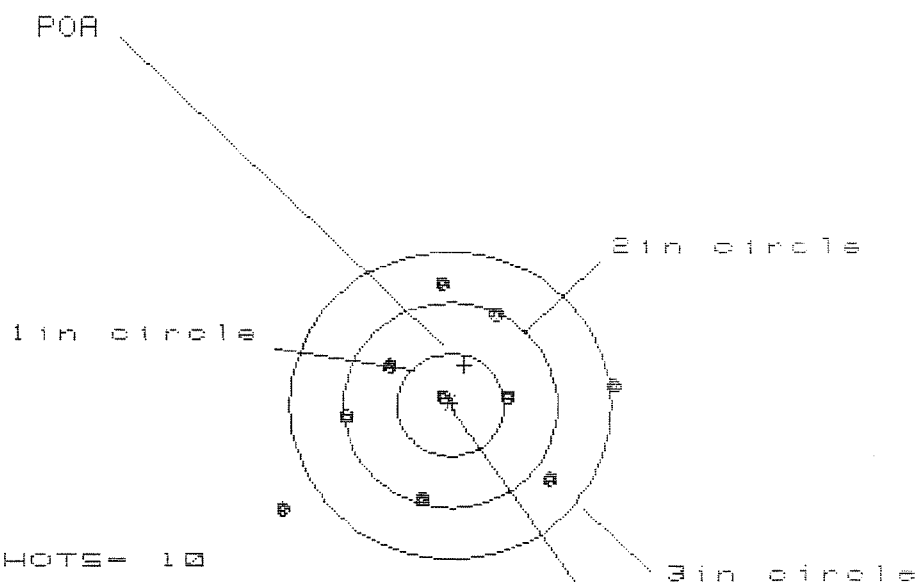
GS= 2.732

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.788	.578	.529
MINIMUM X	:	-1.885	-.622	-.671
MAXIMUM Y	:	.931	.934	.711
MINIMUM Y	:	-1.791	-1.788	-1.105
CENTROID X	:	-.381	-.171	-.122
CENTROID Y	:	.094	.091	.314
POA TO CENTROID in.	:	.392	.194	.337
MIN RADIUS	:	.095	.259	.057
MEAN RADIUS	:	.929	.801	.619
MAX RADIUS	:	1.885	1.830	1.118
HORIZONTAL SPREAD	:	2.673	1.200	1.200
VERTICAL SPREAD	:	2.722	2.722	1.816
EXTREME SPREAD	:	2.732	2.732	1.816
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225124

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 3.061

VS= 2.175

GS= 3.281

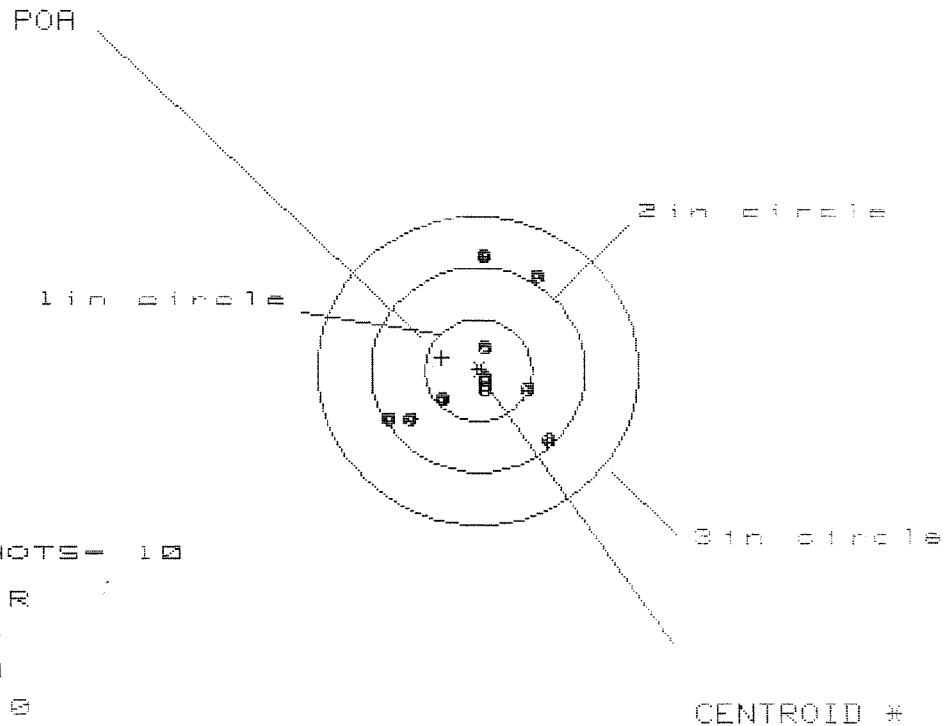
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.519	1.347	.966
MINIMUM X	:	-1.542	-1.128	-.959
MAXIMUM Y	:	1.172	1.061	1.069
MINIMUM Y	:	-1.003	-.999	-.991
CENTROID X	:	-.129	.043	-.126
CENTROID Y	:	-.387	-.276	-.284
POA TO CENTROID in.	:	.408	.279	.311
MIN RADIUS	:	.153	.265	.098
MEAN RADIUS	:	.993	.887	.806
MAX RADIUS	:	1.839	1.349	1.285
HORIZONTAL SPREAD	:	3.061	2.475	1.925
VERTICAL SPREAD	:	2.175	2.060	2.060
EXTREME SPREAD	:	3.281	2.498	2.181
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225124

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.553

VS= 1.753

GS= 1.974

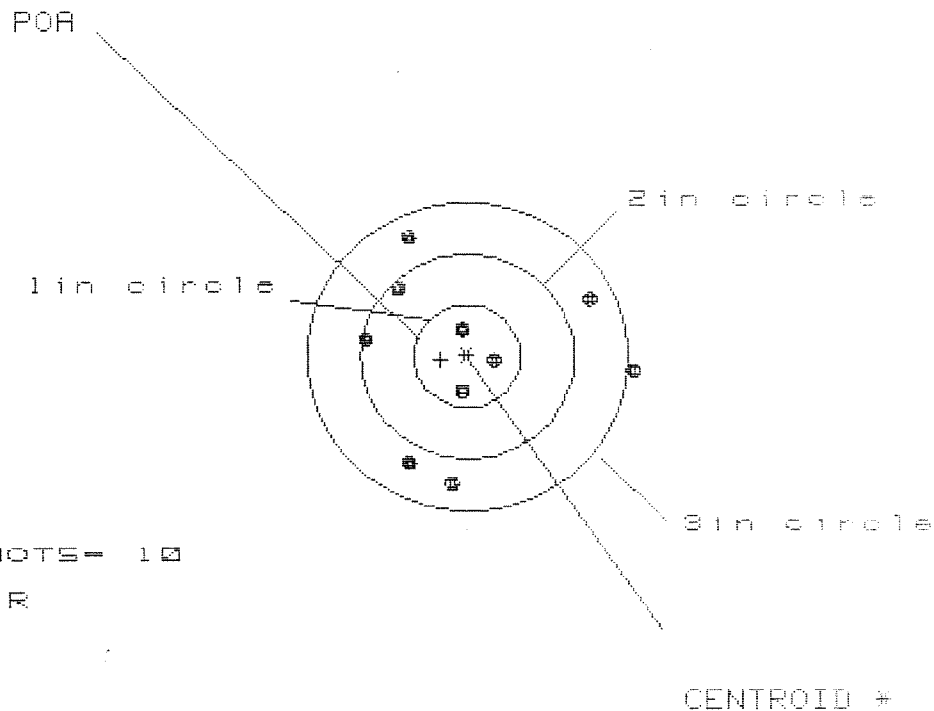
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.683	.687	.756
MINIMUM X	-.870	-.866	-.797
MAXIMUM Y	1.117	1.058	.445
MINIMUM Y	-.636	-.512	-.380
CENTROID X	.345	.341	.272
CENTROID Y	-.122	-.246	-.378
POA TO CENTROID in.	.366	.420	.466
MIN RADIUS	.045	.078	.143
MEAN RADIUS	.637	.570	.505
MAX RADIUS	1.118	1.191	.846
HORIZONTAL SPREAD	1.553	1.553	1.553
VERTICAL SPREAD	1.753	1.570	.825
EXTREME SPREAD	1.974	1.974	1.565
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225124

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 9

HS = 2.570

VS = 2.433

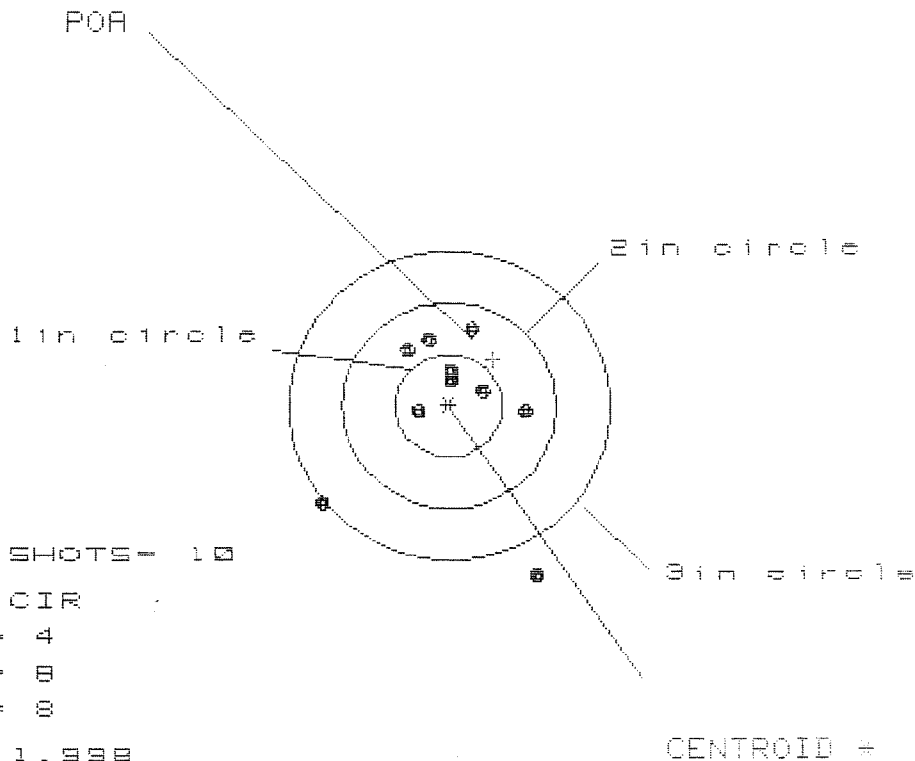
GS = 2.597

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.572	1.339	1.296
MINIMUM X	-.998	-.823	-.866
MAXIMUM Y	1.177	1.159	.836
MINIMUM Y	-1.256	-1.274	-1.129
CENTROID X	.251	.076	.119
CENTROID Y	.036	.054	-.091
POA TO CENTROID in.	.254	.094	.150
MIN RADIUS	.227	.257	.223
MEAN RADIUS	.942	.863	.810
MAX RADIUS	1.580	1.435	1.455
HORIZONTAL SPREAD	2.570	2.162	2.162
VERTICAL SPREAD	2.433	2.433	1.965
EXTREME SPREAD	2.597	2.462	2.336
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225124

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 8

HS= 1.998

VS= 2.401

GS= 2.537

PATTERN, #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.791	.785	.645
MINIMUM X	:	-1.207	-1.119	-.459
MAXIMUM Y	:	.719	.532	.390
MINIMUM Y	:	-1.682	-1.131	-.359
CENTROID X	:	-.411	-.499	-.359
CENTROID Y	:	-.448	-.261	-.119
POA TO CENTROID in.	:	.608	.563	.378
MIN RADIUS	:	.242	.118	.059
MEAN RADIUS	:	.737	.546	.370
MAX RADIUS	:	1.859	1.591	.738
HORIZONTAL SPREAD	:	1.998	1.904	1.104
VERTICAL SPREAD	:	2.401	1.663	.749
EXTREME SPREAD	:	2.537	2.197	1.249
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225124

SCOPE #
1292

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble gun	9 19 88		RW
612	Magnaflux Barrel Action		9 22 FF	pfe.
	Magnaflux Bolt		9 22 FF	pfe.
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		11/7/88	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	D) Oil Firing Pin Ass'y		11/7/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		8/10/88	JU
	F) Safety on Force	5 5 5	14/10/88	JS
	G) Safety off Force	3 3 3	14/10/88	JS
	H) Trigger Pull Test & Retainability		8/10/88	JU
	I) Firing Pin Indent	0.0205 .021 .021	14/10/88	JS
	J) Assemble Stock		11/14/88	RW
	K) Attach Front & Rear Sight Assemblies		11/14/88	RW
	L) Iron Sight Alignment		11/14/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/14/88	RW
	N) Attach Scope to Rifle		11/15/88	WB
	O) Detach & Attach Scope 20 times		11/15/88	WB
640	Gallery Target & Test	65R 87L	11/17/88	AC
	A) Optical Clarity of Scope		11/17/88	JU
645	Inspect for Live Ammo		11/17/88	JU
655	Final Inspection			
	A) Headspace		30/NOV 88	JS
	B) Trigger Pull	2.30 2.19 2.20	220 221	JS
	C) Function		30/NOV 88	JS
	D) Assemble Swivel Studs		30/NOV 88	JS
660	Pack		15 Dec 88	JS

0.2
SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 6225724

DATE 11-8-88

TESTER J. L.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.51	2.61	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.47	2.66	2.19	
PULL #3	2.46	2.48	2.61	2.20	
PULL #4	2.47	2.43	2.52	2.20	
PULL #5	2.52	2.56	2.53	2.21	
TOTAL	12.56	12.45	12.87	11.10	
AVG.	2.512	2.490	2.574	2.22	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.20		
PULL #2	3.11	3.26		
PULL #3	3.22	3.27		
PULL #4	3.21	3.28		
PULL #5	3.24	3.30		
TOTAL	15.97	16.31		
AVG.	3.194	3.262		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.23		4.28
PULL #2	4.27	4.18		4.28
PULL #3	4.20	4.23		4.32
PULL #4	4.06	4.20		4.32
PULL #5	4.22	4.23		4.30
TOTAL	20.95	21.07		21.50
AVG.	4.190	4.214		4.300

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225124

CENTROIDAL DISTANCES

Ø TO	1	.760243
1 TO	2	.156605
1 TO	3	.176505
1 TO	4	.415444
1 TO	5	.683105

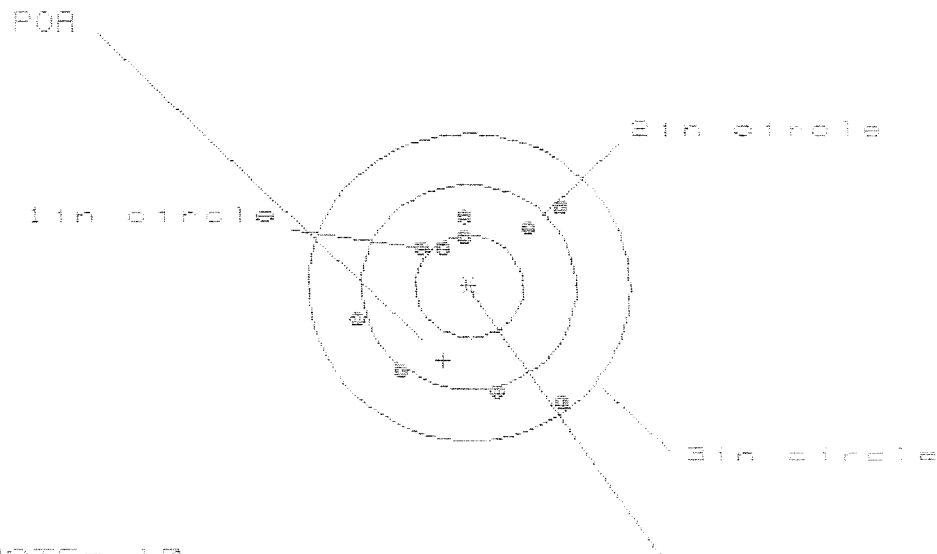
4
10
+ 5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3868
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .676
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .778839
THE AMR FOR THIS RIFLE IS: 1.118

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.825

VS= 1.910

ES= 2.199

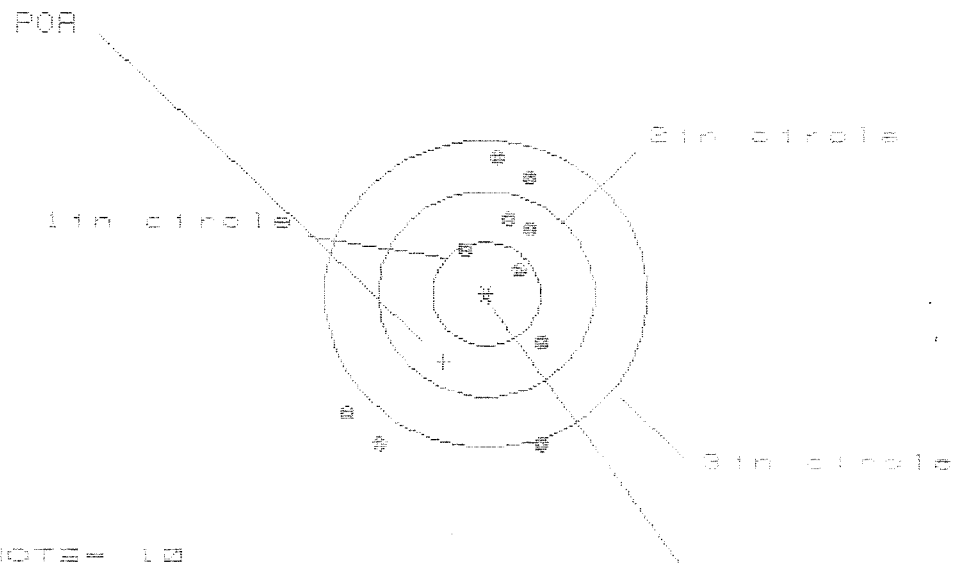
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.874	.964	.792
MINIMUM X	-1.061	-.971	-.851
MAXIMUM Y	.758	.630	.619
MINIMUM Y	-1.152	-1.159	-1.061
CENTROID X	.247	.157	.037
CENTROID Y	.719	.847	.769
POR TO CENTROID in.	.760	.862	.770
MIN RADIUS	.454	.298	.291
MEAN RADIUS	.881	.775	.733
MAX RADIUS	1.405	1.217	1.187
HORIZONTAL SPREAD	1.935	1.935	1.643
VERTICAL SPREAD	1.910	1.789	1.700
EXTREME SPREAD	2.199	2.199	1.877
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HE= 1.721

VS= 2.761

GS= 2.983

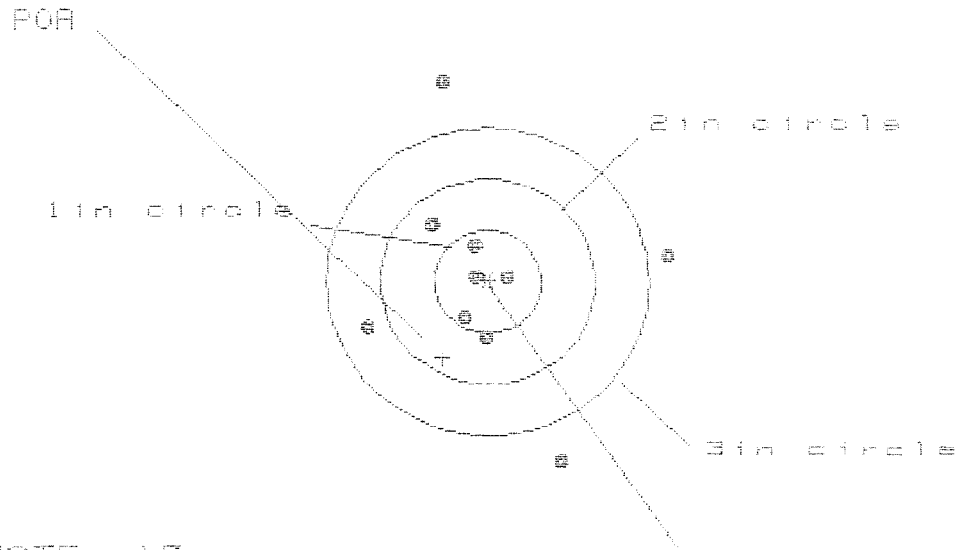
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.472	.361	.191
MINIMUM X	:	-1.249	-1.368	-.483
MAXIMUM Y	:	1.313	1.152	.985
MINIMUM Y	:	-1.448	-1.681	-1.768
CENTROID X	:	.394	.505	.675
CENTROID Y	:	.665	.826	.993
POA TO CENTROID in.	:	.773	.968	1.201
MIN RADIUS	:	.399	.228	.115
MEAN RADIUS	:	1.056	.911	.715
MAX RADIUS	:	1.758	1.908	1.779
HORIZONTAL SPREAD	:	1.721	1.721	.674
VERTICAL SPREAD	:	2.761	2.753	2.753
EXTREME SPREAD	:	2.983	2.848	2.774
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 7

HS = 2.887

VS = 3.668

GS = 3.829

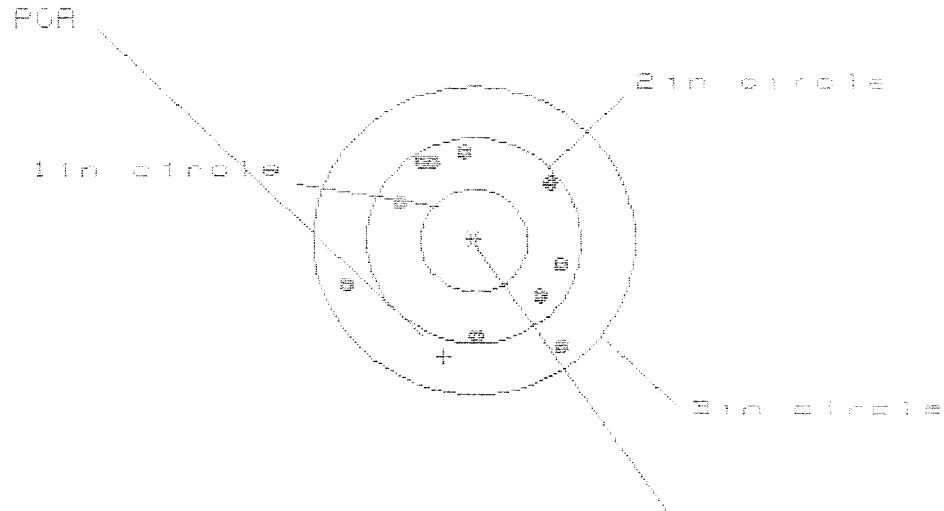
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.648	1.597	1.679
MINIMUM X	-1.167	-1.210	-1.128
MAXIMUM Y	1.913	.776	.583
MINIMUM Y	-1.755	-1.542	-.567
CENTROID X	.422	.465	.383
CENTROID Y	.742	.529	.722
POA TO CENTROID in.	.853	.785	.817
MIN RADIUS	.129	.270	.169
MEAN RADIUS	.913	.817	.656
MAX RADIUS	1.953	1.678	1.703
HORIZONTAL SPREAD	2.887	2.887	2.887
VERTICAL SPREAD	3.668	2.318	1.160
EXTREME SPREAD	3.829	2.897	2.897
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 0

2in = 8

3in = 10

HS = 2.0880

VS = 1.851

CS = 2.240

CENTROID #

PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.849	.894	.752
MINIMUM X	-1.231	-1.137	-1.759
MAXIMUM Y	.838	.726	.652
MINIMUM Y	-1.013	-1.071	-1.145
CENTROID X	.292	.198	.340
CENTROID Y	1.132	1.244	1.318
POA TO CENTROID in.	1.169	1.250	1.361
MIN RADIUS	.801	.668	.670
MEAN RADIUS	.955	.896	.832
MAX RADIUS	1.321	1.280	1.145
HORIZONTAL SPREAD	2.0880	2.031	1.511
VERTICAL SPREAD	1.851	1.797	1.797
EXTREME SPREAD	2.240	2.166	1.803
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS

3

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 2

3in = 2

HS= 4.028

VS= 4.571

GS= 4.889

PATTERN#	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.041	2.019	1.768
MINIMUM X	-1.988	-2.009	-1.773
MAXIMUM Y	1.801	1.493	1.677
MINIMUM Y	-2.770	-1.676	-1.492
CENTROID X	.579	.600	.951
CENTROID Y	.122	.430	.246
POB TO CENTROID in.	.591	.738	.806
MIN RADIUS	.290	.254	.499
MEAN RADIUS	1.785	1.665	1.570
MAX RADIUS	2.777	2.489	2.317
HORIZONTAL SPREAD	4.028	4.028	3.541
VERTICAL SPREAD	4.571	3.169	3.169
EXTREME SPREAD	4.889	4.815	4.218
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	2	2	2
NUMBER IN THREE INCH CIRCLE =	2	2	2