

C6611447

MODEL 700™ M24

Model **SWS**™

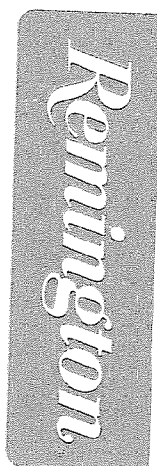
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00122651

Serial: C6611447 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/18/1991

Repairman:

Status: New 12/28/2006 9:30:14 AM

Verify Repair High Priority

Address Information

Customer:

Received From

Return To:

Received From

Name: USPFO WHSE

USPFO WHSE

Address 1: 5555 E MC DOWELL ROAD

5555 E MC DOWELL ROAD

Address 2: ATTN: CW2 TONY LEWIS

PO Box:

ATTN: CW2 TONY LEWIS

PO Box:

City: PHOENIX

PHOENIX

State: AZ

Zip Code: 85008

Country: US

State: AZ

Zip Code: 85008

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qt
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1
0000	SRPP CASE	1

Repair Search

Refresh

Close

nagletj

1/2/2007

8:44 AM

CAPS

NUM

INS

SCRL



8:44 AM

Serial Number: C6611447

Model: M24 SWS



RE00122651

MILITARY SHIPMENT LABEL		Form Approved. OMB No. 0704-0188
1. TRANSPORTATION CONTROL NUMBER		2. POSTAGE DATA
3. FROM 1-158th IN BN 5555 E. McDowell Rd. Phoenix, AZ 85008 CW2 Tony Lewis (928) 607-1529		4. TYPE SERVICE
5. SHIP TO/POE Remington Arms Co., Inc. 14 Hoeflev Ave Ilion, NY 13357-1816		6. TRANS PRIORITY
7. POD		8. PROJECT
9. ULTIMATE CONSIGNEE OR MARK FOR ATTN: Service Department Tom Nagle Please <u>Rush</u> - Unit Needs it for deployment to Afghanistan	10. WT. (This piece)	11. RDD
	12. CUBE (This piece)	13. CHARGES
	14. DATE SHIPPED	15. FMS CASE NUMBER
	16. PIECE NUMBER	
	17. TOTAL PIECES	

DD FORM 1387, JUL 1999

PREVIOUS EDITION IS OBSOLETE.

USAPA V1.0

Please ship back to
USPFO WHSE
5555 E. McDowell Rd.
Phoenix, AZ 85008
ATTN: CW2 Tony Lewis

This form can only be used by manufacturers or dealers of firearms.



Statement by Shipper of Firearms
(Domestic Mail Manual C024, retain form for 1 year)

City, State, and Zip Code

Date

Phoenix, Arizona 85008

13 December 2006

The undersigned is a manufacturer of firearms or bona fide dealer therein, and the parcels presented for mailing herewith are customary trade shipments or other articles for repair or replacement of parts. To the best of my knowledge and belief, the addresses are manufacturers of firearms or bona fide dealers therein.

Addresses on Parcels (Use reverse side or attach additional blank sheets if more space is required)

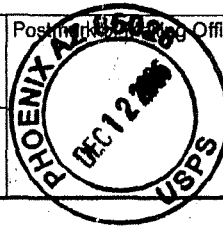
Remington Arms Co., Inc.
14 Hoefler Ave.
Ilion, NY 13357-1816
ATTN: Service Dept.

RC 042 338 372 25

Firm Name

AZ Army National Guard
1-158th IN BN

Postmarking Office



Signature

By (Signature and Title)

[Signature]
Property Book Officer

[Signature]

PS Form 1508, April, 1994

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

R & E NUMBER	122651				
SERIAL NUMBER	C6601447				
LOG-IN DATE	12-28-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN				
505	RE-BARREL				
420	ASSEMBLE				
440	PROOF				
460	CHECK HEADSPACE				
470	DIS-ASSEMBLE GUN	Repair Broken Handle			
480	MAGNAFLUX				
510	DRILL AND TAP				
500	ROLLMARK CALIBER				
520	GOFF BLAST BBL / REC				
530 & 540	APPLY COATINGS				
560	FINAL ASSEMBLY				
640	FUNCTION TEST AND	PASS	FAIL		
650	TARGET	PASS	FAIL		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION				
	A) HEADSPACE	PASS	FAIL		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS			
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX			
	G) SAFETY OFF FORCE	2 LBS MIN			
	I) FIRING PIN INDENT	.020"			
690	PACK	PACK	1-9-07	DA	
F006 REV 5/2006					

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY _____ BARREL _____ RECEIVER _____ FRONT SIGHT BASE _____ REAR SIGHT BASE _____ SCREWS _____ FINISH SCOPE ASSEMBLY _____ SCOPE _____ SCOPE RINGS _____ MOUNTING SCREWS _____ MOUNTING BASE _____ SCREWS _____ FINISH _____ CLARITY	STOCK ASSEMBLY _____ STOCK _____ SLING SWIVEL STUDS _____ BUTT PATE _____ LOCK NUTS _____ BARREL CLEARANCE _____ COLOR / FINISH SYSTEM CASE _____ SCOPE CASE _____ IRON SIGHTS _____ DEPLOYMENT KIT TRIGGER ASSEMBLY _____ SAFETY OPERATION _____ RE-SET TO FACTORY SPECS
COMMENTS: _____	

F006 REV 5/2006

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: **RE00092444** Serial: C6611447 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/18/1991 Repairman: Status: Closed 2/3/2005 1:26:13 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: PO Box:

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

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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

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

naglet 2/7/2005 10:43 AM CAPS INUM INS SCPL

start 3 2

Serial Number: **C6611447**

Model: **M24 SWS**



RE00092444

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611447.___0
FILE DATE AND TIME: 09/01/2005 11:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.879
The Distance from POA to Centroid Target #1:	0.066
The Distance from Centroid Target #2 to Centroid Target #1:	0.301
The Distance from Centroid Target #3 to Centroid Target #1:	0.294
The Distance from Centroid Target #4 to Centroid Target #1:	0.146
The Distance from Centroid Target #5 to Centroid Target #1:	0.287

SERIAL NUMBER: C6611447. __0

TARGET NUMBER: 1

FILE DATE: 09/01/2005

FILE TIME: 11:03

POINT#	X	Y
1:	0.422	-0.991
2:	0.296	-0.944
3:	0.056	-0.965
4:	0.235	-0.530
5:	-0.239	-0.416
6:	-0.351	0.023
7:	0.114	0.663
8:	0.509	1.057
9:	-0.762	0.989
10:	-0.753	0.656

X CENTROID: -0.047

Y CENTROID: -0.046

POA TO CENTROID: 0.066

HORZ SPREAD: 1.271

VERT SPREAD: 2.048

GROUP SPREAD: 2.307

MIN RADIUS: 0.311

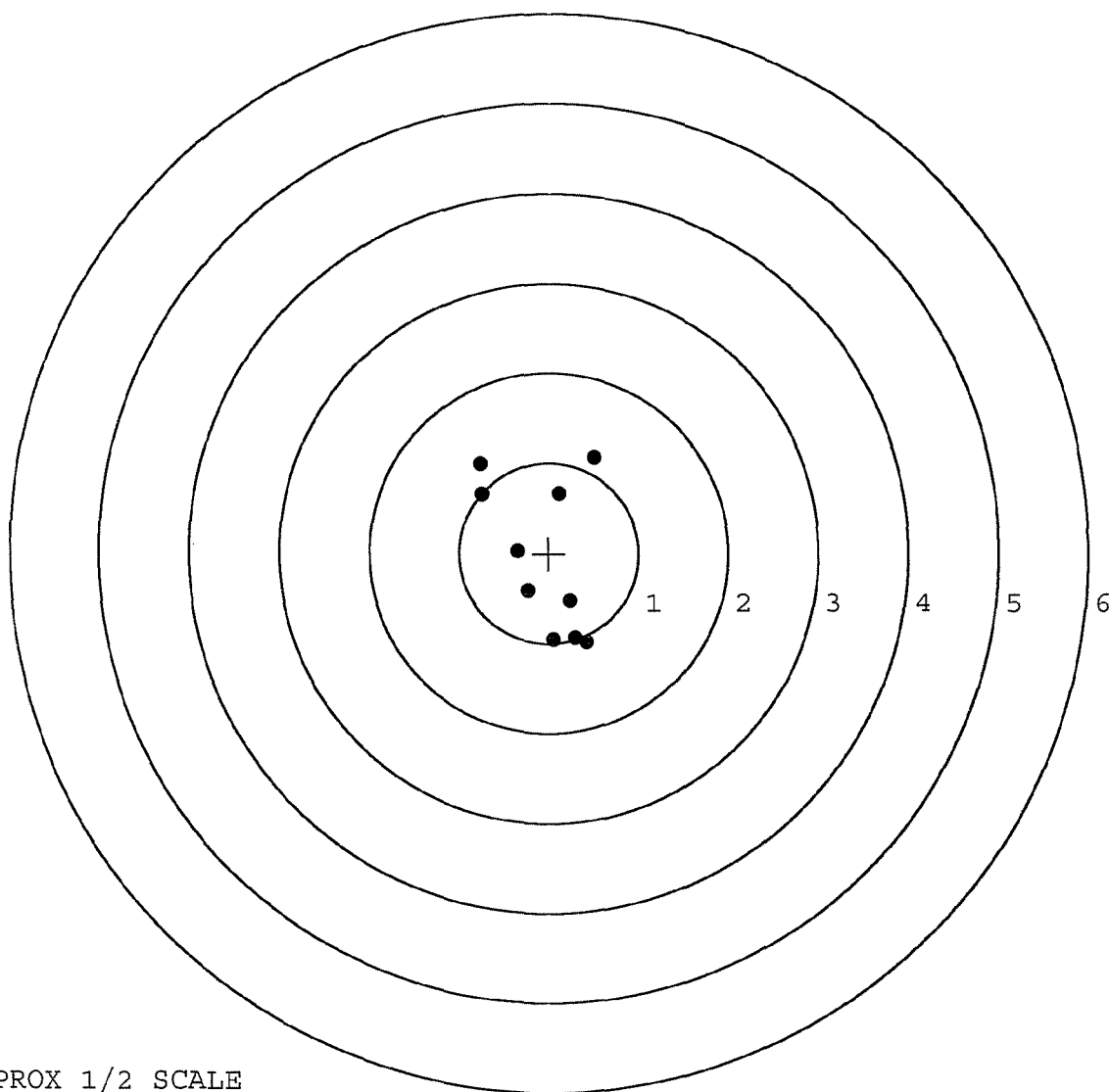
MAX RADIUS: 1.258

MEAN RADIUS: 0.845

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611447. 0

TARGET NUMBER: 2

FILE DATE: 09/01/2005

FILE TIME: 11:03

X CENTROID: 0.170

Y CENTROID: -0.254

POA TO CENTROID: 0.305

HORZ SPREAD: 2.188

VERT SPREAD: 4.108

GROUP SPREAD: 4.156

MIN RADIUS: 0.105

MAX RADIUS: 2.335

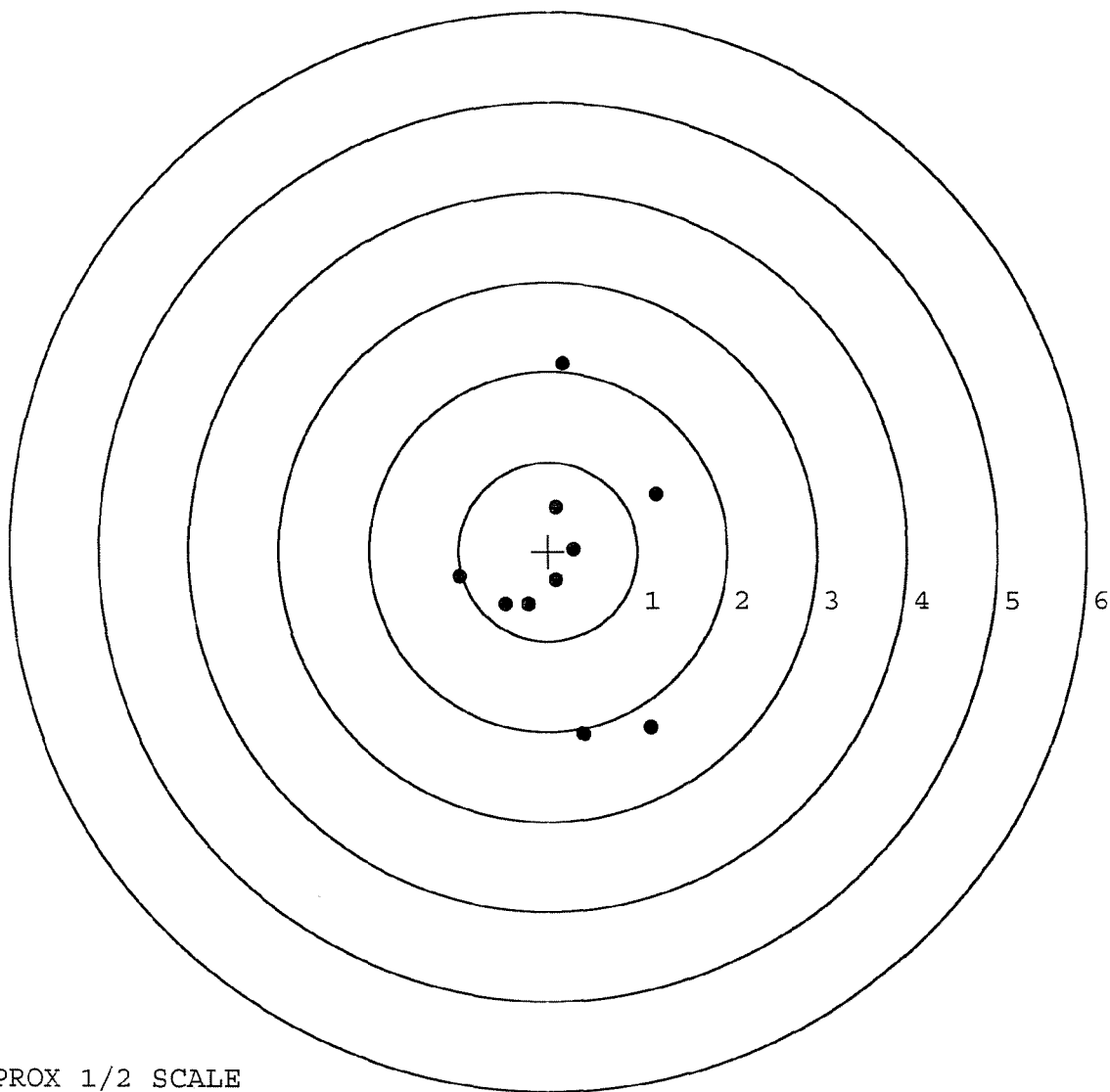
MEAN RADIUS: 1.102

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.200	0.642
2:	0.081	0.494
3:	0.292	0.024
4:	0.090	-0.323
5:	-0.222	-0.594
6:	-0.476	-0.594
7:	-0.988	-0.287
8:	0.162	2.081
9:	1.153	-1.955
10:	0.403	-2.027



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611447. 0

TARGET NUMBER: 3

FILE DATE: 09/01/2005

FILE TIME: 11:03

POINT#	X	Y
1:	0.715	-0.808
2:	-0.329	-0.782
3:	0.206	-0.398
4:	0.068	-0.132
5:	-0.144	0.083
6:	0.808	0.441
7:	0.652	0.477
8:	0.716	0.703
9:	-0.295	1.006
10:	-0.666	0.900

X CENTROID: 0.173

Y CENTROID: 0.149

POA TO CENTROID: 0.228

HORZ SPREAD: 1.474

VERT SPREAD: 1.814

GROUP SPREAD: 2.196

MIN RADIUS: 0.300

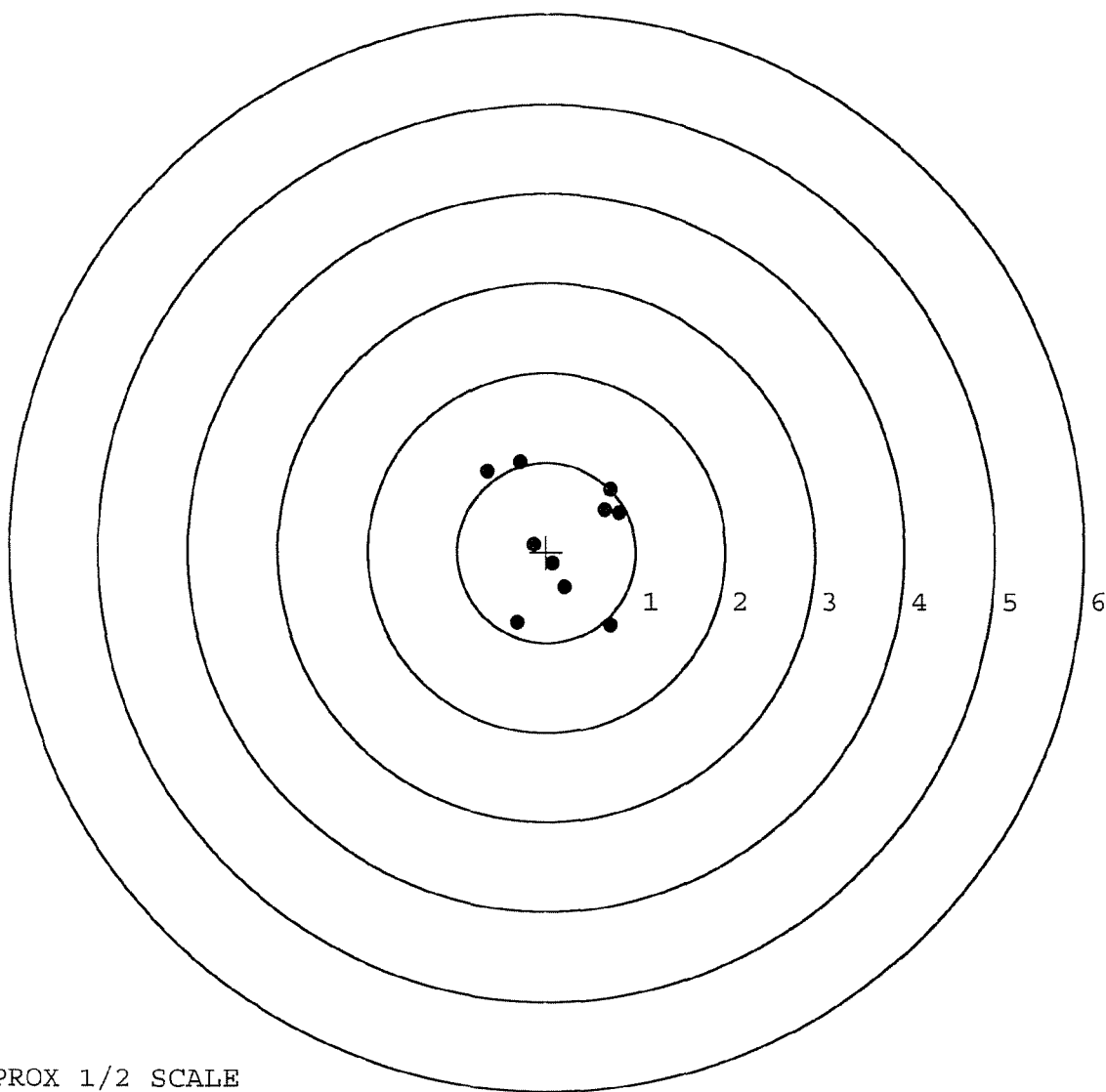
MAX RADIUS: 1.126

MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611447. 0

TARGET NUMBER: 4

FILE DATE: 09/01/2005

FILE TIME: 11:03

X CENTROID: -0.005

Y CENTROID: 0.094

POA TO CENTROID: 0.094

HORZ SPREAD: 2.609

VERT SPREAD: 2.648

GROUP SPREAD: 3.045

MIN RADIUS: 0.169

MAX RADIUS: 1.960

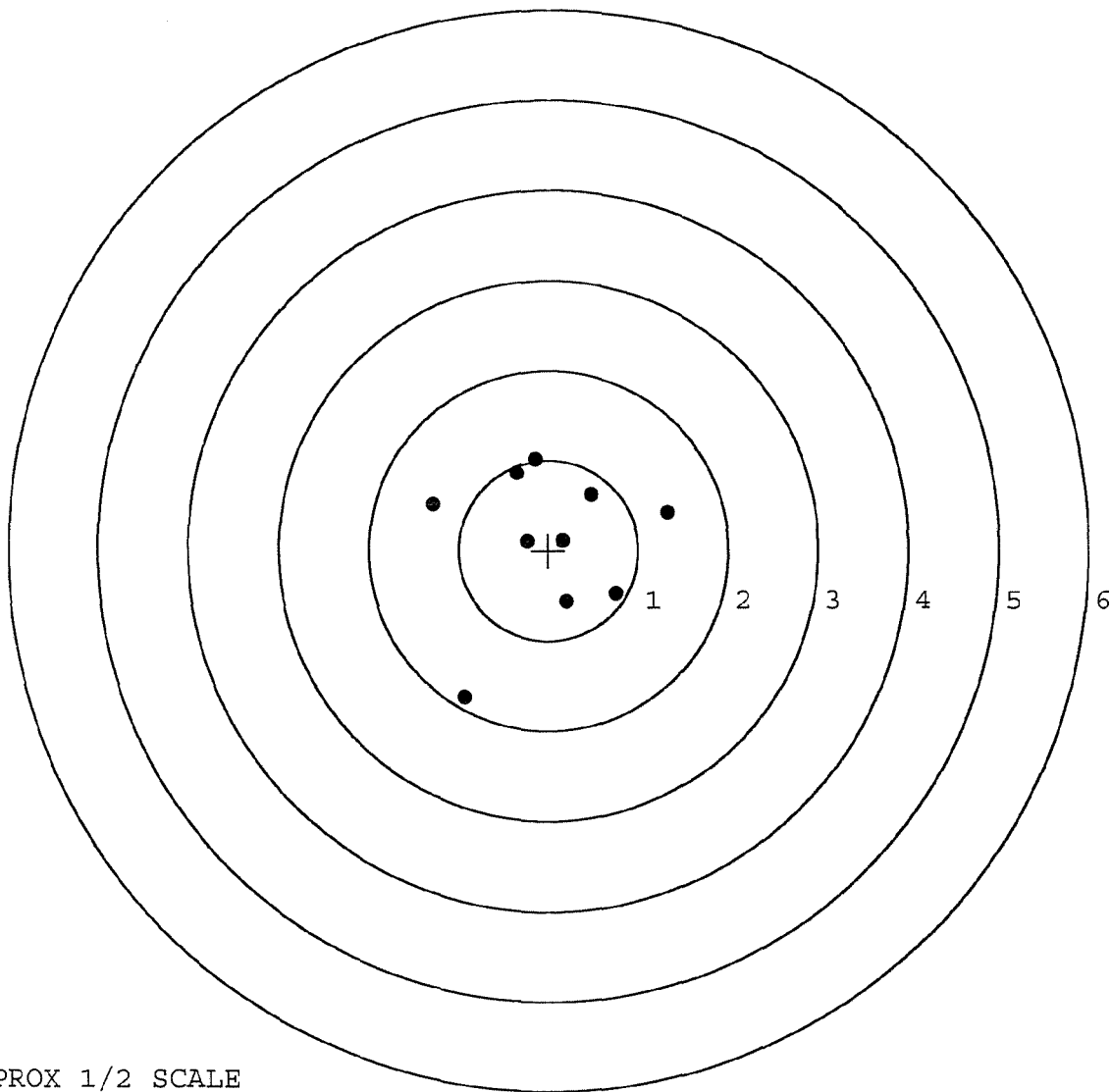
MEAN RADIUS: 0.920

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.321	0.417
2:	0.752	-0.477
3:	0.203	-0.567
4:	0.163	0.110
5:	0.475	0.618
6:	-0.240	0.101
7:	-0.359	0.855
8:	-0.152	1.012
9:	-1.288	0.504
10:	-0.928	-1.636



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611447. __0

TARGET NUMBER: 5

FILE DATE: 09/01/2005

FILE TIME: 11:03

POINT#	X	Y
1:	-0.378	-1.717
2:	-0.499	-1.126
3:	0.262	-0.442
4:	0.086	-0.582
5:	-0.241	-0.419
6:	0.493	-0.112
7:	-0.936	-0.278
8:	-0.944	0.435
9:	0.335	0.391
10:	0.071	0.821

X CENTROID: -0.175

Y CENTROID: -0.303

POA TO CENTROID: 0.350

HORZ SPREAD: 1.437

VERT SPREAD: 2.538

GROUP SPREAD: 2.577

MIN RADIUS: 0.133

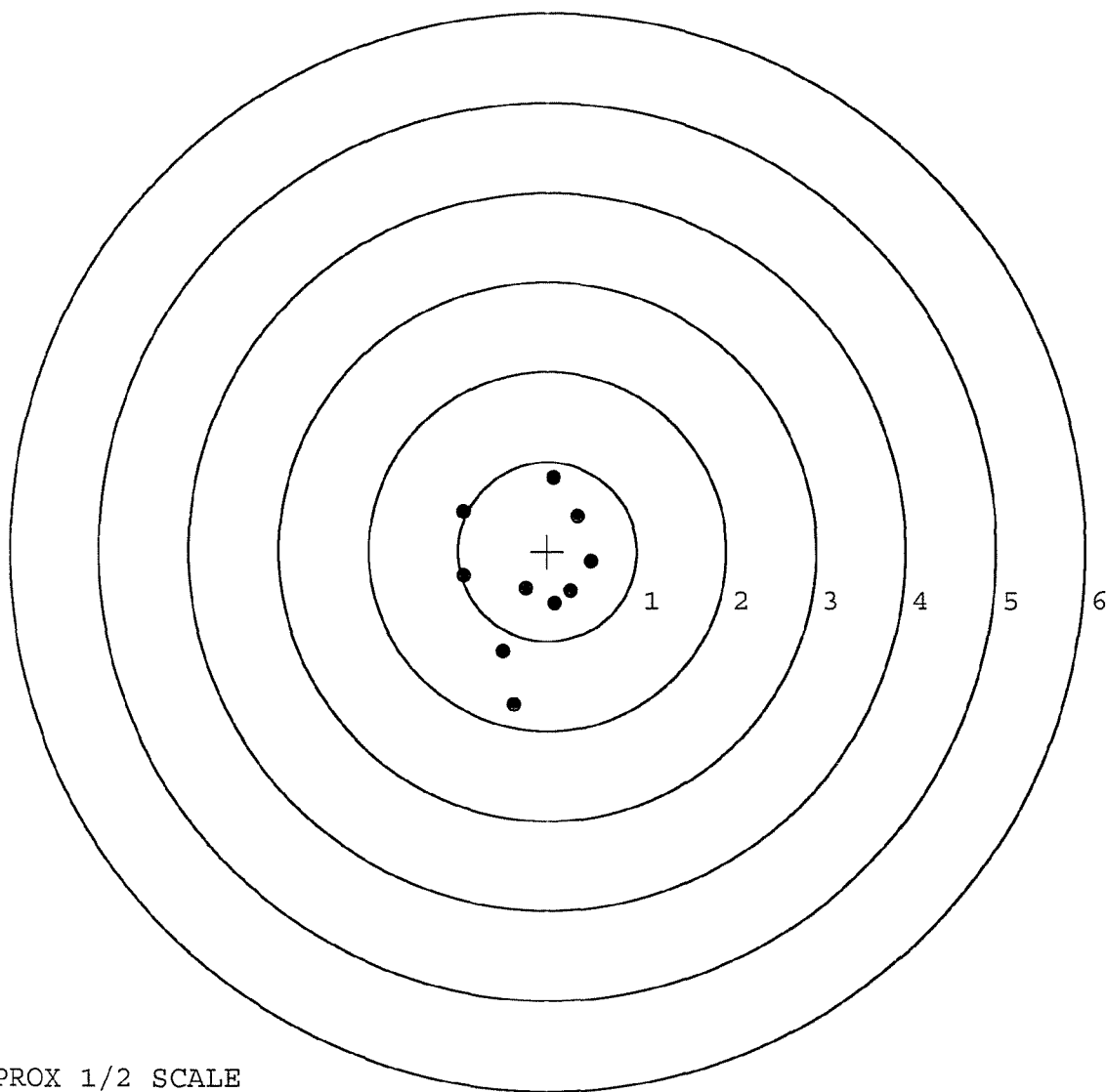
MAX RADIUS: 1.429

MEAN RADIUS: 0.782

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	92444		
SERIAL NUMBER	C6611447		
LOG-IN DATE	2-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-16-05	RTZ
560 A	RE-BARREL	8-23-05	RTZ
B	DRILL AND TAP	8-25-05	TRW
575	ASSEMBLE	8-24-05	RTZ
600	PROOF	8-24-05	AC
605	CHECK HEADSPACE	8-24-05	AC
610	DIS-ASSEMBLE GUN	8-25-05	RTZ
612	MAGNAFLUX	8/25/05	curved
615	ROLLMARK CALIBER	8-25-05	CW
618	ROTO-BLAST	8-26-05	LB
620	APPLY COATINGS	8/29/05	RTZ
625 A	FINAL ASSEMBLY	8-31-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	9-6-05	AC
D	SAFETY "OFF" FORCE	9-6-05	AC
E	FIRING PIN INDENT	9-6-05	AC
640	TARGET	9-1-05	TRW
655	FINAL INSPECT	9-6-05	AC
660	PACK	9-12-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-20288

INITIAL JMM	CUSTOMER ORDER NO.		W/DEPLOYMENT KIT, LEUPOLD 10X SCOPE <i>Scope S/N 96 0819</i>			
DATE RECEIVED 08/16/95	DATE OPENED 08/16/95	DATE CODE	SERIAL NUMBER C6611447	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES SLING STRAP		W/STUDS	W/SWIVELS	SOFT CASE	HARD CASE	

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201

CUST NO: 098397 C.G.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
<i>New Trig Assy</i> <i>Front & Rear Sight Assy</i>	
REPAIRMAN	PROOF
GALLERY TESTER	DATE
CLEAN	DATE
TEST	DATE
TARGET	DATE
PATTERN	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400077058

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611447

DATE 7-17-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.45	2.44		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.39	2.42		
PULL #3	2.42	2.37	2.31		
PULL #4	2.27	2.33	2.41		
PULL #5	2.34	2.36	2.41		
TOTAL	11.84	11.90	11.96		
AVG.	2.36	2.38	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.21		
PULL #2	3.06	3.12		
PULL #3	3.31	3.29		
PULL #4	3.22	3.18		
PULL #5	3.25	3.33		
TOTAL	16.11	16.13		
AVG.	3.22	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.07		4.12
PULL #2	4.12	3.93		4.10
PULL #3	4.21	4.02		4.00
PULL #4	4.15	4.00		4.00
PULL #5	4.14	3.94		4.05
TOTAL	20.74	19.96		20.27
AVG.	4.14	3.99		4.05

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5.5			8/2	SF
	G) Safety Off Force	4	3	4			8/2	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0245	.0235	.0235			8/2	SF
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.43	2.42	2.42	2.47	2.49	8/2	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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 and Tap Sight Holes			
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			

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

MODEL 700™ M24

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

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

SERIAL NO.
C6611447

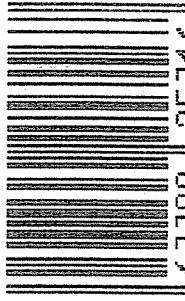
ORDER NO.
5715

20



5715 C6611447

UPC



0 47700 25716 7

~~Re dv~~

~~Trigger help~~

~~OK~~

20 Rd test

20 Rd test

shot OK

5-20-91 DH

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611447

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		4/1	KR
615	Rollmark Caliber		3/27/91	LS
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	LB
620	Apply Coatings (Barrel Action)		4/1-91	LB
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/23/91	KS
	C) Inspect Ejector Hole for Chamfer		5/23/91	KS
	D) Oil Firing Pin Ass'y		5/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/24/91	GM

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	4/24/91	JK
	G) Safety Off Force	3	3	3	4/24/91	JK
	H) Trigger Pull Test & Retainability				4/24/91	JK
	I) Firing Pin Indent	.020	.020	.0205	4/24/91	JK
	J) Assemble Stock				5-20-91	KS
	K) Assemble Swivel Studs				5-20-91	K
	L) Attach Front and Rear Sight Assemblies				4/24/91	KS
	M) Iron Sight Alignment				4/26/91	KS
	N) Detach Front & Rear Sights & place in numbered container				4/26/91	KS
	O) Attach Scope to Rifle				4/26/91	KS
	P) Detach & Attach Scope 20 Times				4/26/91	KS
640	Gallery Target & Test				4-29-91	DH
	A) Time				4-29-91	DH
	B) Malfunctions				4-29-91	DH
	C) Pierced Primers				4-29-91	DH
	D) Optical Clarity of Scope				4-29-91	DH
645	Inspect for Live Ammo				4-29-91	DH
655	Final Inspection					
	A) Headspace				5-20-91	K
	B) Trigger Pull	2.46	2.46	2.49	5/20/91	JK
	C) Function	2.54	2.27	2.30	5-20-91	JK
660	Pack				6-17-91	N

bad creep in trigger
HAD TO REPLACE FIRE CONTROL
USED GOOD FIRE CONTROL
THAT WAS SENT BACK-ALREADY SET

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6611449

DATE 5/20/98

TESTER J. J. [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.49	2.23	2.34	MIN. SETTING,
PULL #2	2.38	2.49	2.35	2.27	NO AVG. OF 5
PULL #3	2.21	2.20	2.32	2.30	READINGS ACCEPT-
PULL #4	2.25	2.21	2.33	2.29	ABLE LESS THAN 2#
PULL #5	2.22	2.18	2.44	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.50		
PULL #2	3.48	3.50		
PULL #3	3.42	3.46		
PULL #4	3.26	3.33		
PULL #5	3.16	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.12		4.38
PULL #2	4.50	4.30		4.20
PULL #3	4.20	4.49		4.30
PULL #4	4.33	4.21		4.23
PULL #5	4.44	4.45		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611447
29 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.280302
1 TO	2	.145836
1 TO	3	.27136
1 TO	4	.252169
1 TO	5	.1602

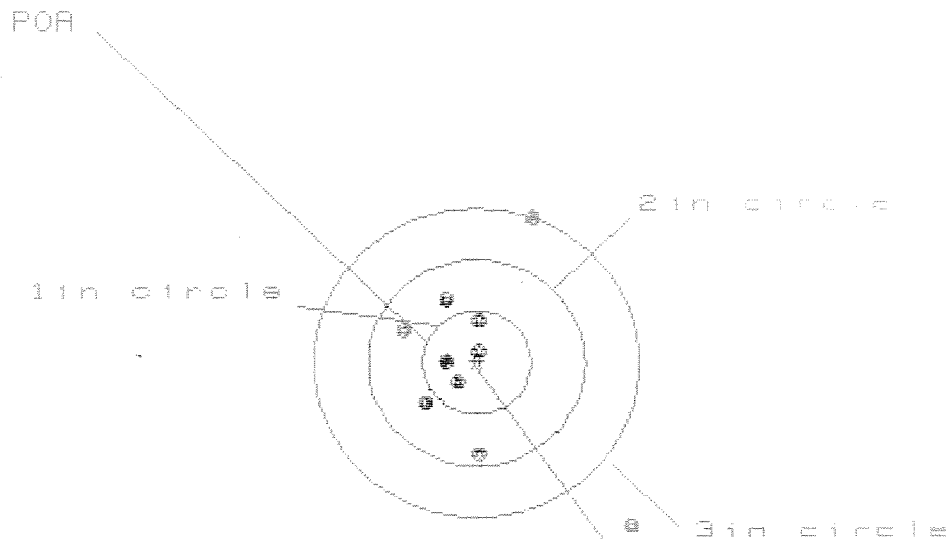
15 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2244
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0648
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .233569
THE RME FOR THIS RIFLE IS: .8784

25 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611447

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 2.096

VS= 2.968

CS= 3.108

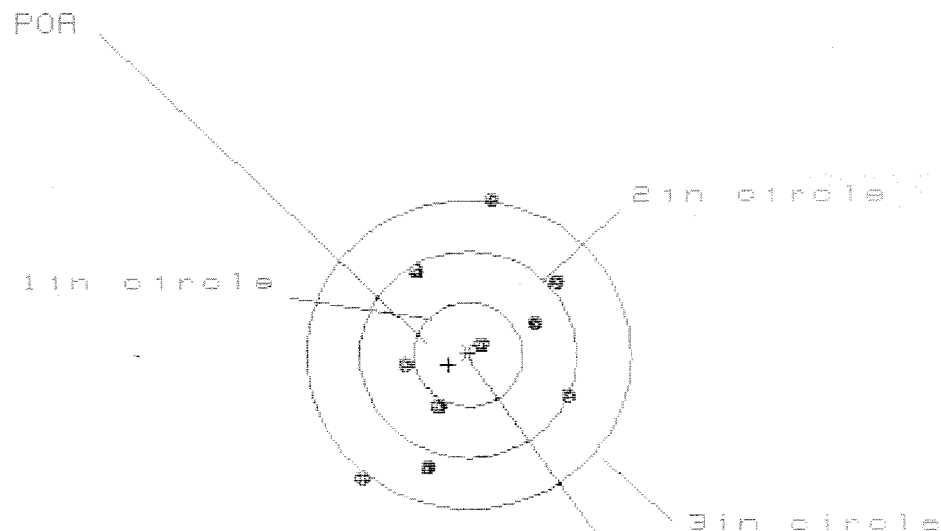
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.395	.629	.290
MINIMUM X	-.701	-.546	-.467
MAXIMUM Y	1.420	1.248	.618
MINIMUM Y	-1.548	-1.018	-.862
CENTROID X	.280	.125	.046
CENTROID Y	-.013	.159	.003
POA TO CENTROID in.	.280	.202	.046
MIN RADIUS	.105	.140	.046
MEAN RADIUS	.754	.567	.441
MAX RADIUS	2.084	1.398	.889
HORIZONTAL SPREAD	2.096	1.175	.757
VERTICAL SPREAD	2.968	2.266	1.480
EXTREME SPREAD	3.108	2.318	1.502
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =			9

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 1.997

VS = 2.704

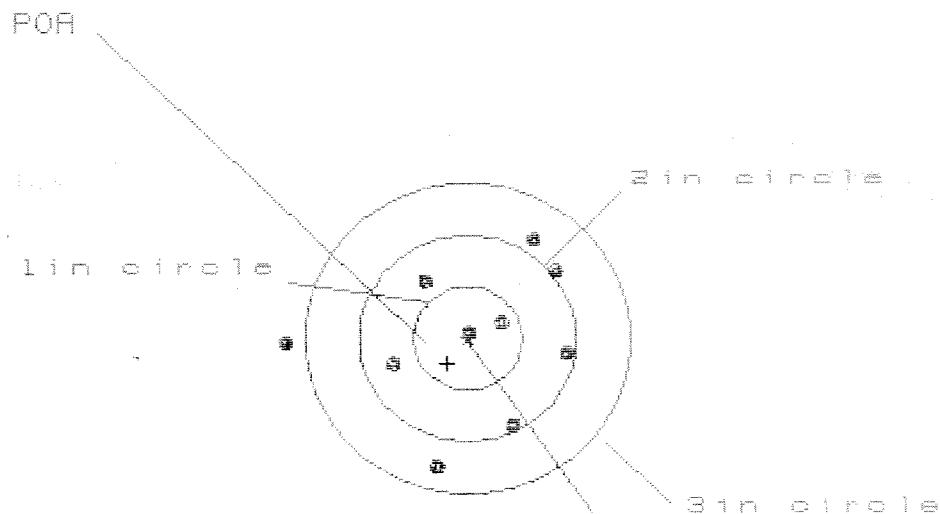
GS = 2.944

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.953	.844	.853
MINIMUM X	:	-.984	-.713	-.784
MAXIMUM Y	:	1.516	1.384	.844
MINIMUM Y	:	-1.188	-1.272	-1.099
CENTROID X	:	.182	.291	.282
CENTROID Y	:	.095	.227	.054
POA TO CENTROID in.	:	.205	.369	.287
MIN RADIUS	:	.169	.040	.146
MEAN RADIUS	:	.939	.850	.785
MAX RADIUS	:	1.543	1.386	1.211
HORIZONTAL SPREAD	:	1.937	1.557	1.557
VERTICAL SPREAD	:	2.704	2.656	1.943
EXTREME SPREAD	:	2.944	2.721	2.184
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.597

VS= 2.221

GS= 2.627

CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.915
MINIMUM X	-1.682
MAXIMUM Y	.975
MINIMUM Y	-1.246
CENTROID X	.190
CENTROID Y	.243
POA TO CENTROID in.	.308
MIN RADIUS	.084
MEAN RADIUS	.892
MAX RADIUS	1.684
HORIZONTAL SPREAD	2.597
VERTICAL SPREAD	2.221
EXTREME SPREAD	2.627
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9

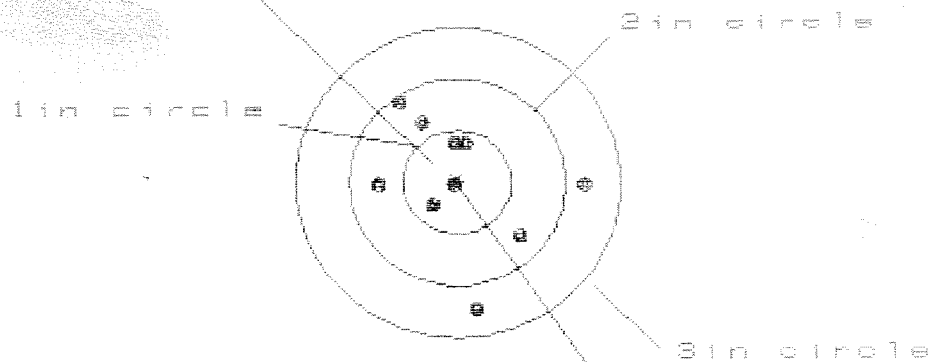
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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.866

VS= 2.007

GS= 2.127

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	1.166	.737
MINIMUM X	:	-.717	-.700	-.554
MAXIMUM Y	:	.738	.597	.574
MINIMUM Y	:	-1.269	-.662	-.685
CENTROID X	:	.030	.013	-.133
CENTROID Y	:	.020	.161	.184
POA TO CENTROID in.	:	.036	.161	.227
MIN RADIUS	:	.055	.167	.218
MEAN RADIUS	:	.672	.537	.494
MAX RADIUS	:	1.278	1.181	1.006
HORIZONTAL SPREAD	:	1.866	1.866	1.291
VERTICAL SPREAD	:	2.007	1.259	1.259
EXTREME SPREAD	:	2.127	1.869	1.687
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

5

POA

2in circle

1in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 6

HS= 3.023

VS= 3.997

GS= 4.238

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.594	1.661	1.570
MINIMUM X	-1.429	-1.362	-1.453
MAXIMUM Y	1.728	1.475	.779
MINIMUM Y	-2.269	-1.314	-1.129
CENTROID X	.440	.373	.464
CENTROID Y	-.021	.232	.047
POA TO CENTROID in.	.441	.439	.467
MIN RADIUS	.076	.252	.121
MEAN RADIUS	1.135	1.010	.895
MAX RADIUS	2.350	1.687	1.646
HORIZONTAL SPREAD	3.023	3.023	3.023
VERTICAL SPREAD	3.997	2.789	1.908
EXTREME SPREAD	4.238	3.156	3.038
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		6	