

C5611447

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Service Repair M24 Mount System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00122651** Serial: C6611447 Model M24 SWS Center Fire Repairman: _____
 Verify Repair **High Priority** Caliber: 7.62 NATO Produced: 06/18/1991 Status: **New 12/28/2006 9:30:14 AM**

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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qt</th> </tr> </thead> <tbody> <tr> <td>A006</td> <td>Sling Strap</td> <td>1</td> </tr> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A055</td> <td>Deployment Kit</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> <tr> <td>0000</td> <td>SNPP CASE</td> <td>1</td> </tr> </tbody> </table>			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	Frt and Rear Sgt Base	1	0000	SNPP CASE	1
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	Frt and Rear Sgt Base	1																													
0000	SNPP CASE	1																													

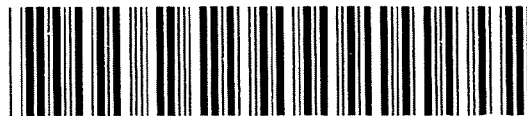
Repair Search **Refresh** **Close**

nagletj 1/2/2007 8:44 AM CAPS NUM INS SCRL

start 2 Micros... Part Search... Arms Servi... Microsoft E... 3 Interne... 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 AAW: 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
AAW: 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)

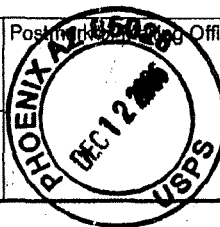
Remington Arms Co., Inc.
14 Hoefler Ave.
Ilion, NY 13357-1816
ATTN: Service Dept.

RC 042 338 372 25

Firm Name

AZ Army National Guard
1-158th IN BN

Postmarking Office



Signature

[Handwritten Signature]

By (Signature and Title)

[Handwritten Signature]
Property Book Officer

PS Form 1508, April, 1994

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		
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		
680	F) SAFETY ON FORCE		
	G) SAFETY OFF FORCE		
	I) FIRING PIN INDENT		
690	PACK	PACK	1-9-07

F006 REV 5/2006

BARREL ASSEMBLY	STOCK ASSEMBLY
_____ BARREL	_____ STOCK
_____ RECEIVER	_____ SLING SWIVEL STUDS
_____ FRONT SIGHT BASE	_____
_____ REAR SIGHT BASE	_____ BUTT PATE
_____ SCREWS	_____ LOCK NUTS
_____ FINISH	_____ BARREL CLEARANCE
	_____ COLOR / FINISH
SCOPE ASSEMBLY	SYSTEM CASE
_____ SCOPE	_____ SCOPE CASE
_____ SCOPE RINGS	_____ IRON SIGHTS
_____ MOUNTING SCREWS	_____ DEPLOYMENT KIT
_____ MOUNTING BASE	
_____ SCREWS	
_____ FINISH	
_____ CLARITY	
COMMENTS: _____	

F006 REV 5/2006

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

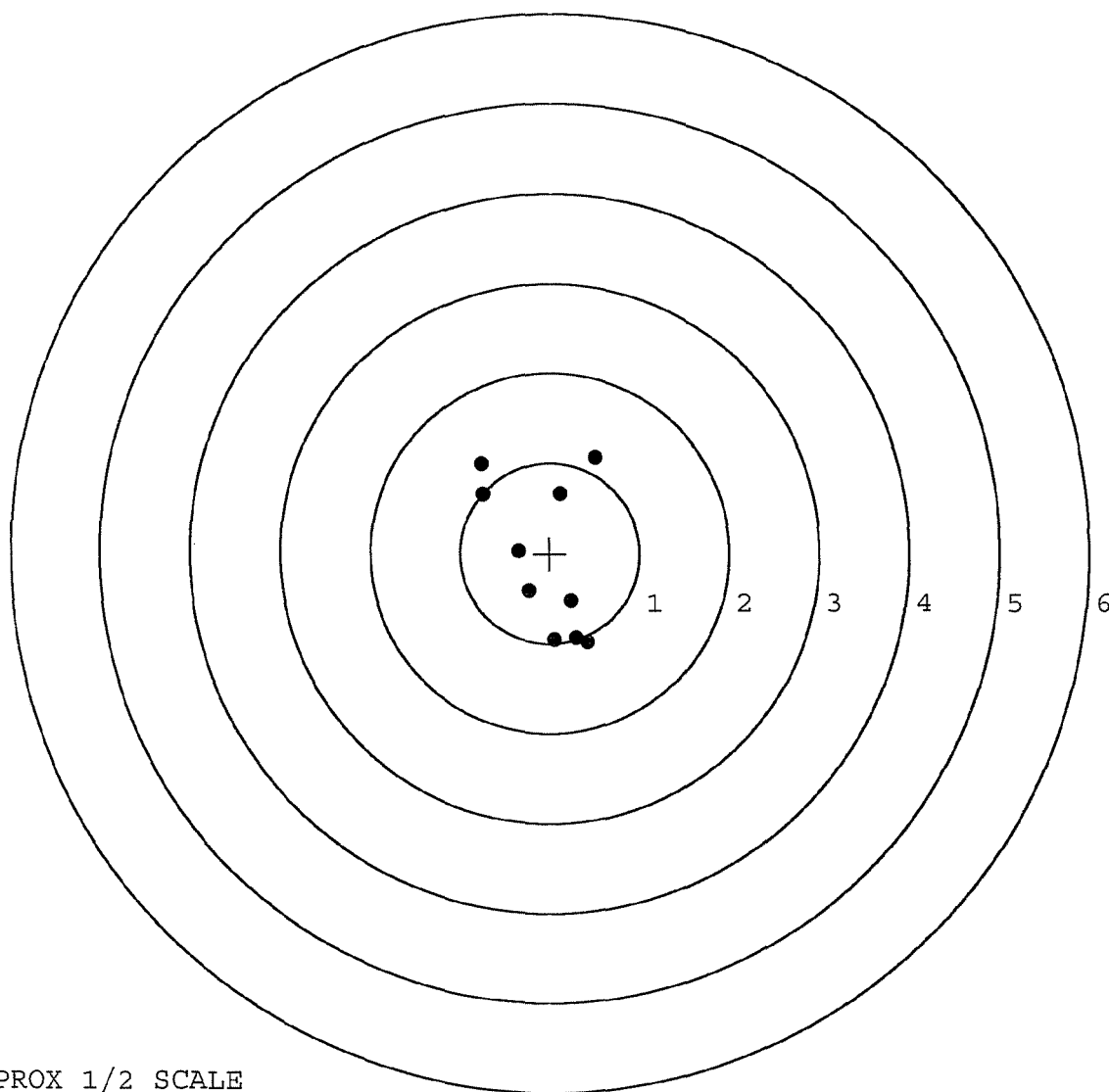
MAX RADIUS: 1.258

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

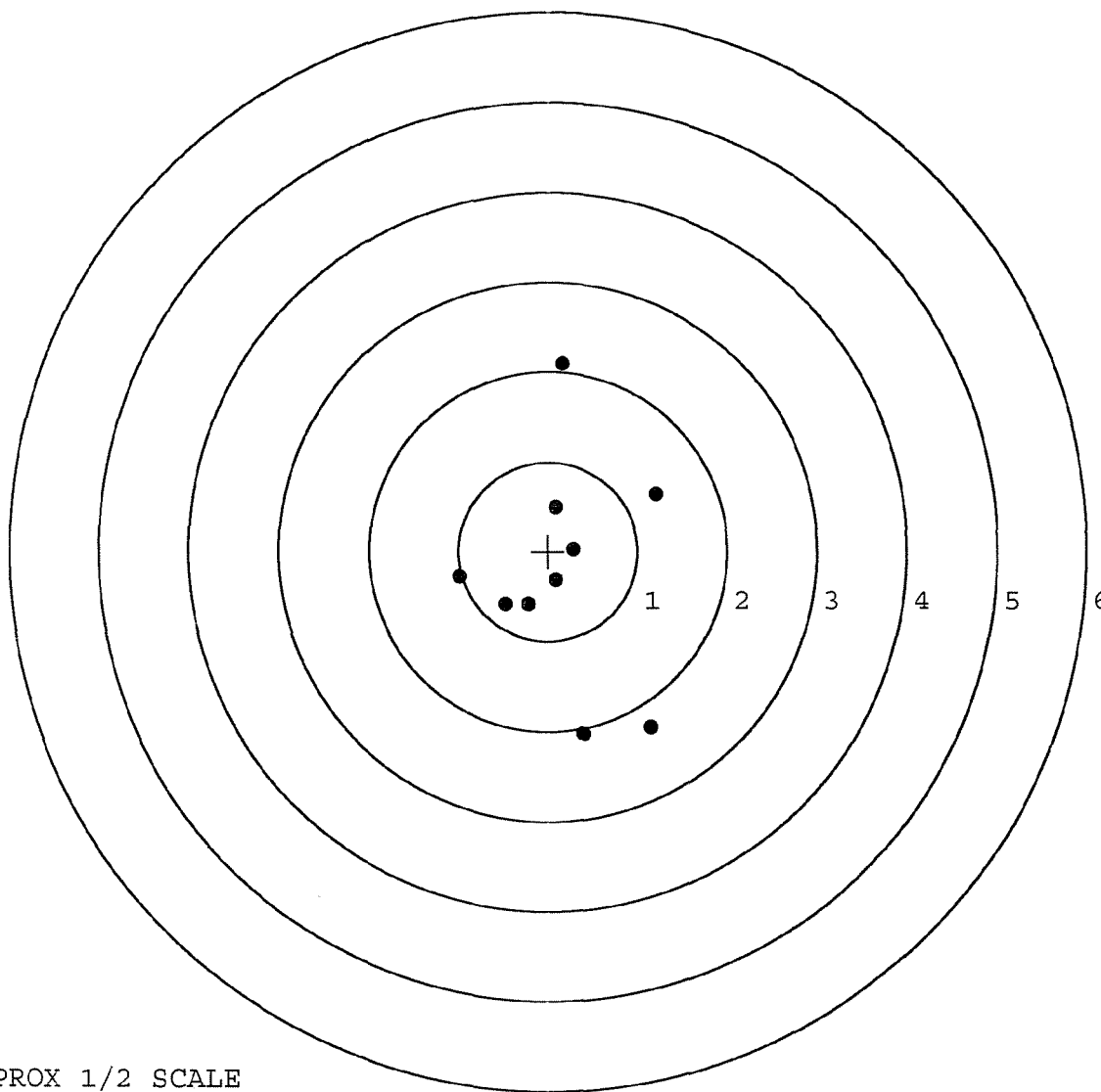
MEAN RADIUS: 1.102

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

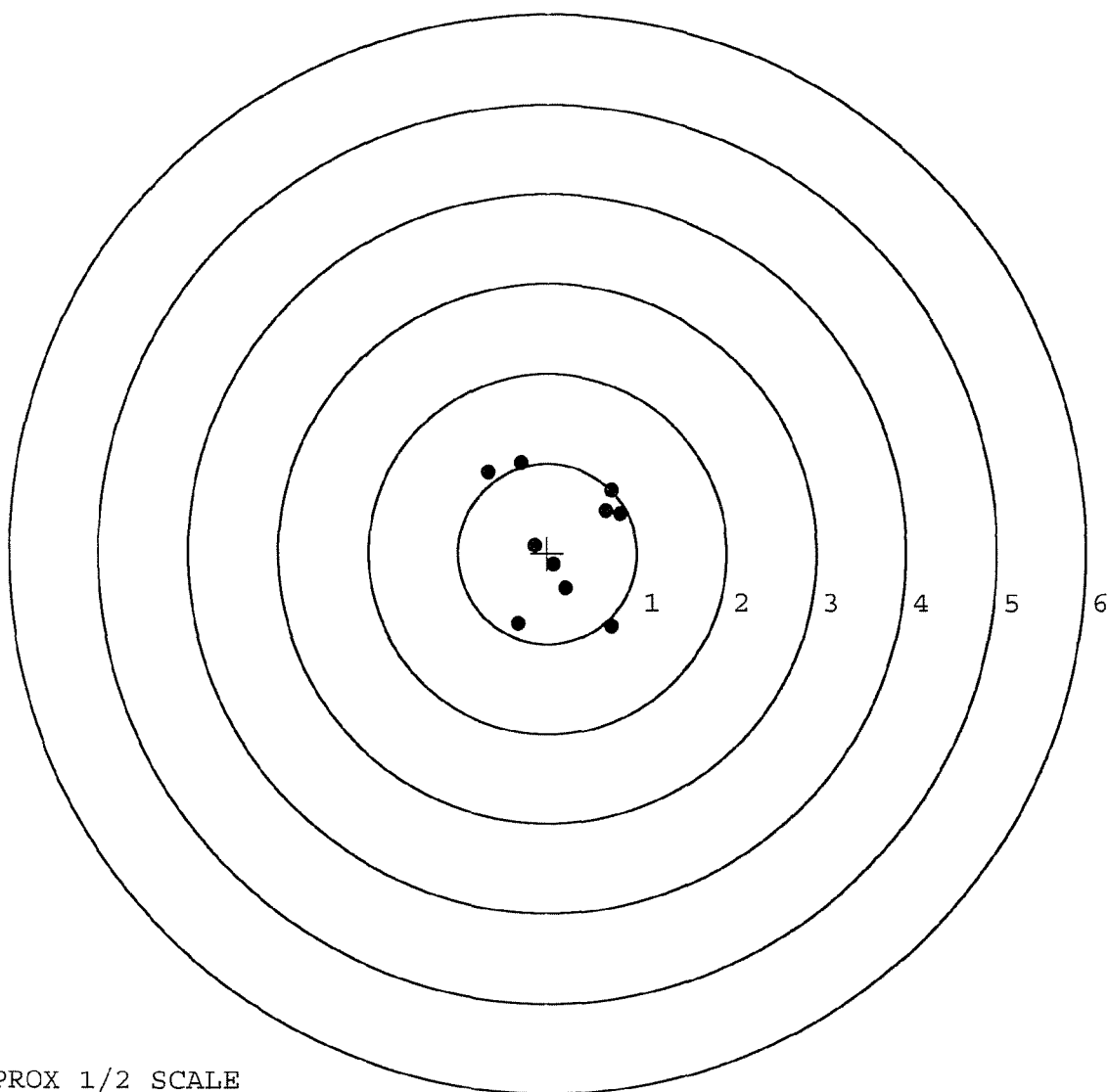
MAX RADIUS: 1.126

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

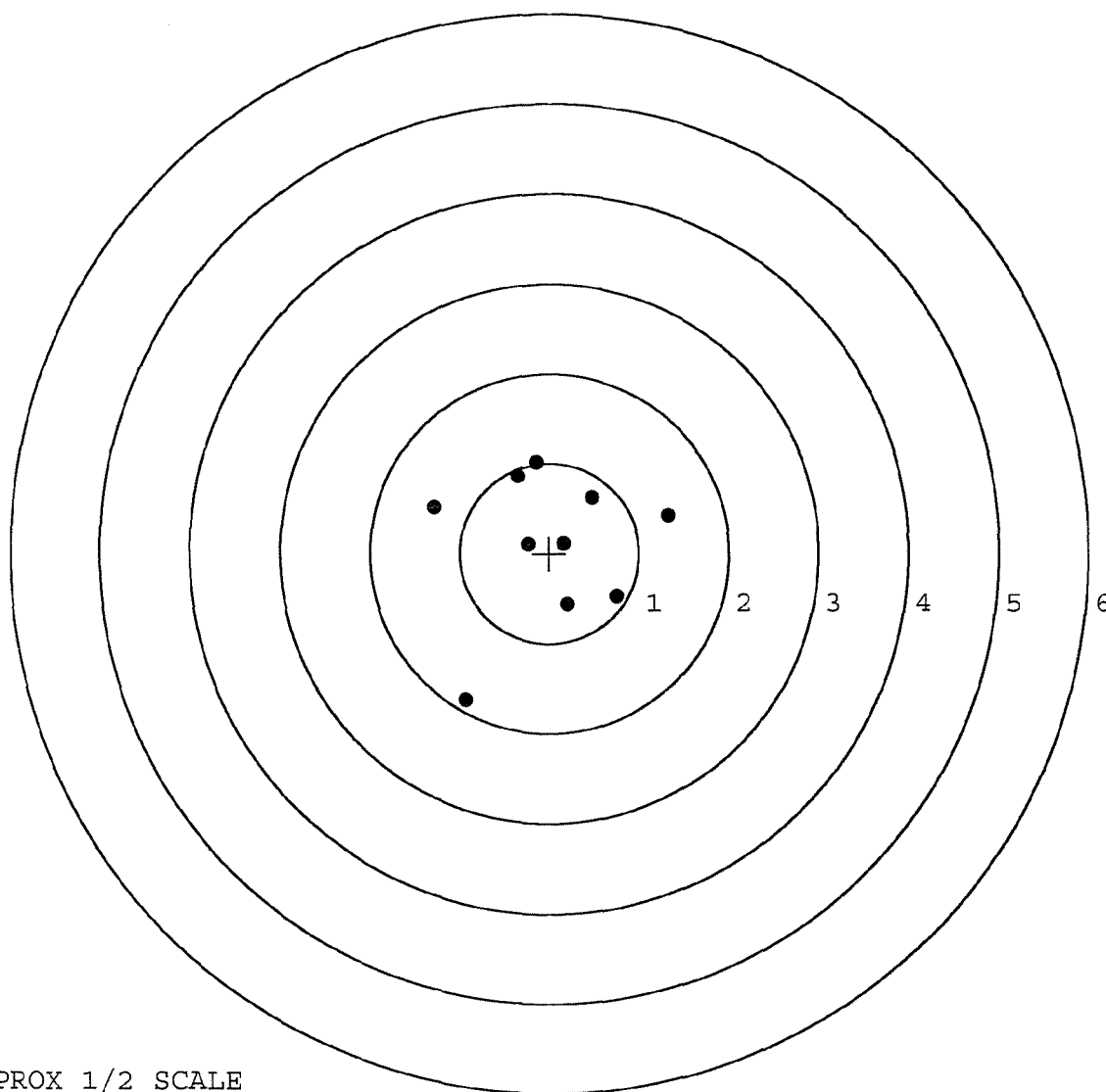
MEAN RADIUS: 0.920

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

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

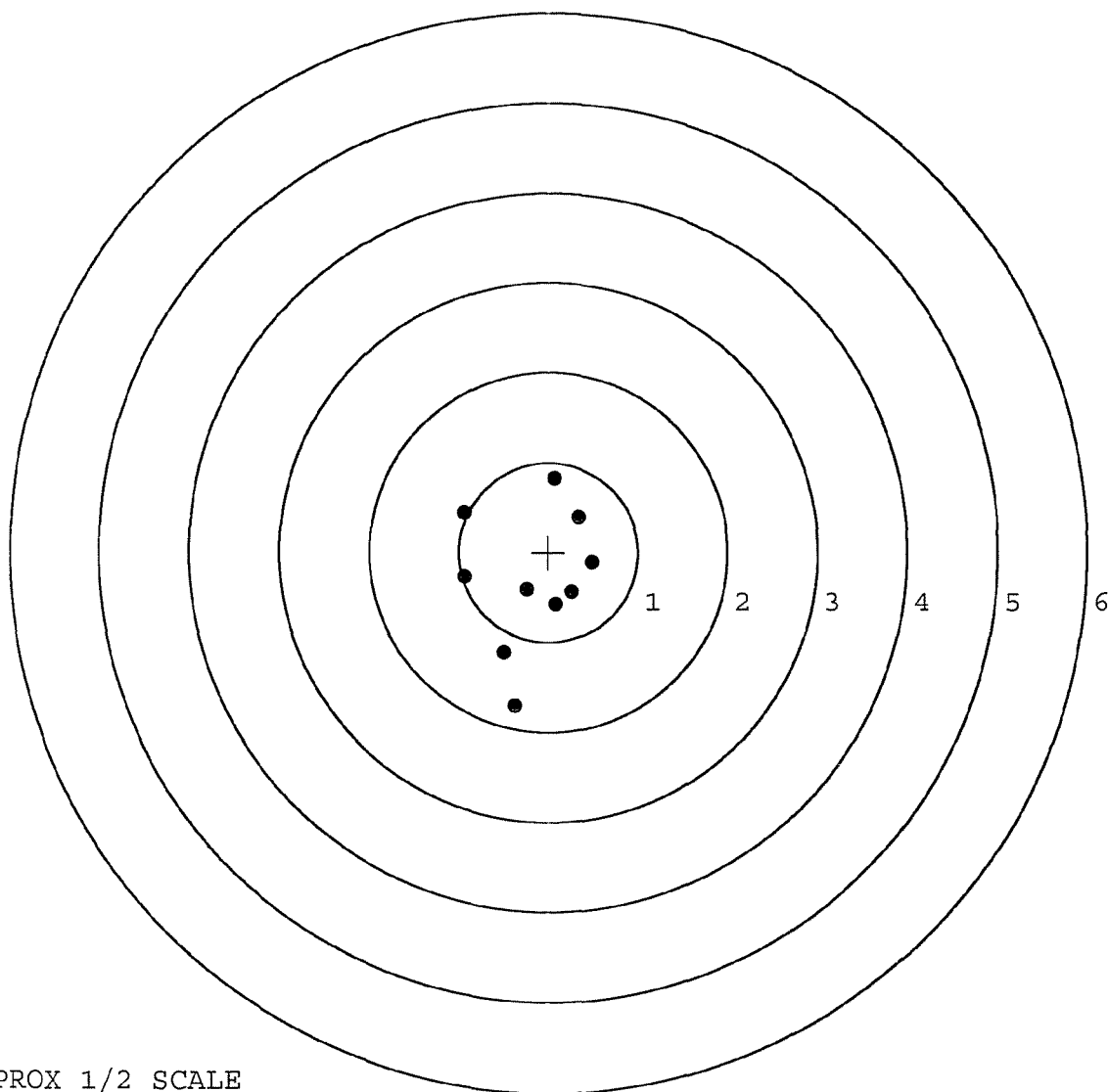
MEAN RADIUS: 0.782

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

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



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	

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

BARBER - M24 0077021

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
MODEL 700™ M24

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

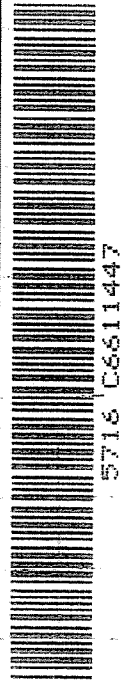
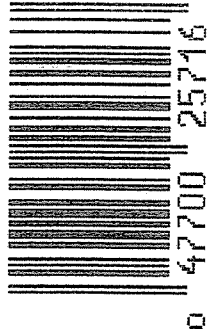
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO. C6611447

ORDER NO. 5715

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

UPC



~~Re dv~~

~~Tugger help~~

~~OK~~

20 Rd test

20Rdr 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 BARBER M24 0077026	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

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-66114410

DATE 5/20/98

TESTER J. J. [unclear]

	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/C6611447

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

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

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

CENTROID *

HS = 1.937

VS = 2.704

GS = 2.944

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.953
MINIMUM X	-.984
MAXIMUM Y	1.516
MINIMUM Y	-1.188
CENTROID X	.182
CENTROID Y	.095
POA TO CENTROID in.	.205
MIN RADIUS	.169
MEAN RADIUS	.939
MAX RADIUS	1.543
HORIZONTAL SPREAD	1.937
VERTICAL SPREAD	2.704
EXTREME SPREAD	2.944
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

POA

1in circle

2in circle

3in circle

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

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.866

VS= 2.007

GS= 2.127

PATTERN #	:	4		
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

POR

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

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

POR 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