

05811641

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5215

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00129628

Serial: C6611641 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Status:

New 5/22/2007 11:50:03 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DODDAAC W81F64

DODDAAC W81F64

Address 1: CAMP ROBERTS MATES

CAMP ROBERTS MATES

Address 2: EAST GARRISON BLDG 25021

PO Box:

EAST GARRISON BLDG 25021

PO Box:

City: SAN MIGUEL

SAN MIGUEL

State: CA

Zip Code: 93451

Country: US

State: CA

Zip Code: 93451

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

5/23/2007

7:40 AM

CAPS

NUM

INS

SCRL



7:40 AM

Serial Number: C6611641

Model: M24 SWS



RE00129628

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611641.___0
FILE DATE AND TIME: 07/09/2007 14:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

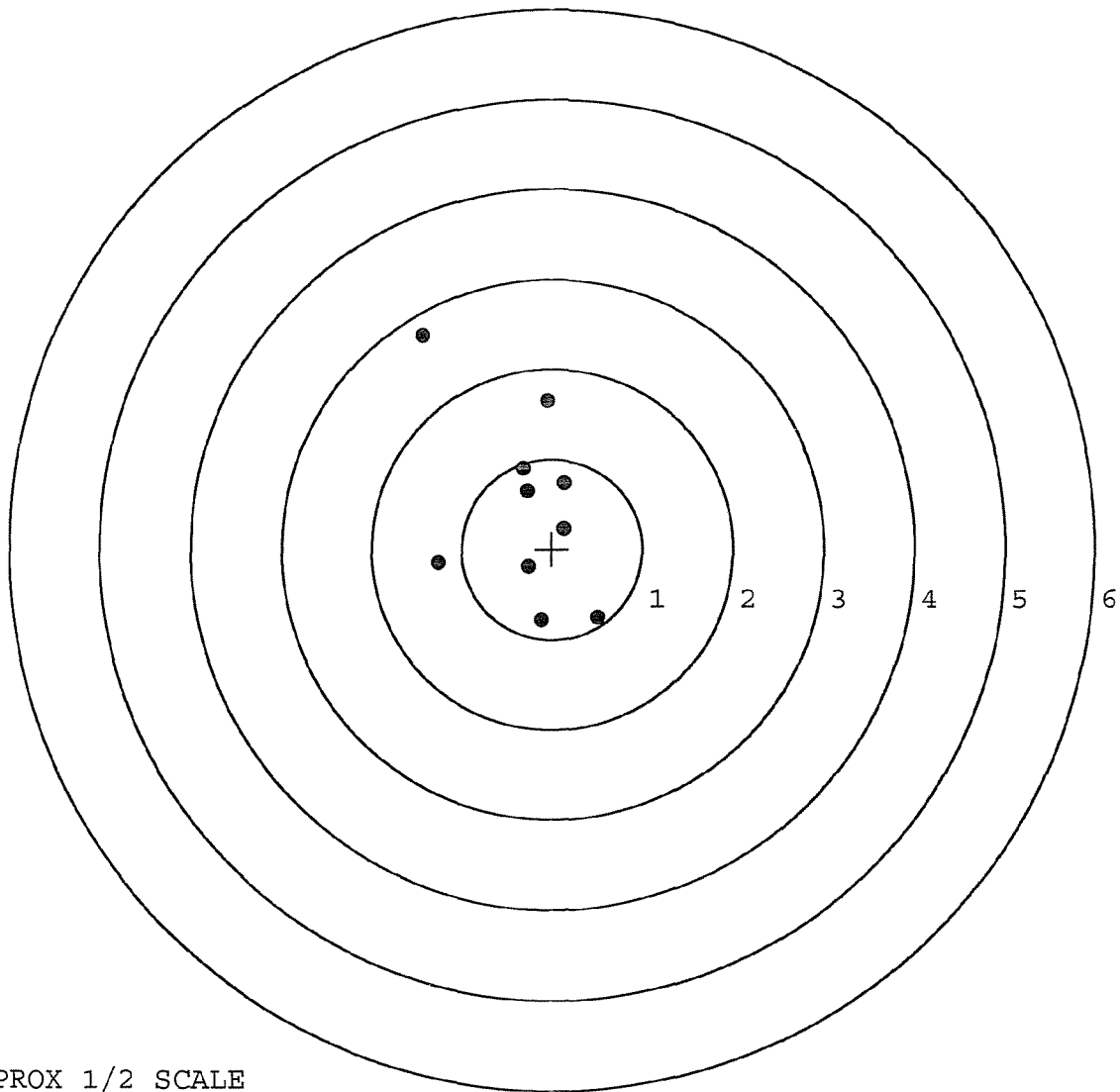
The Average X Centroid of the Five Target Set:	-0.142
The Average Y Centroid of the Five Target Set:	0.125
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.677
The Distance from POA to Centroid Target #1:	0.545
The Distance from Centroid Target #2 to Centroid Target #1:	0.363
The Distance from Centroid Target #3 to Centroid Target #1:	0.537
The Distance from Centroid Target #4 to Centroid Target #1:	0.424
The Distance from Centroid Target #5 to Centroid Target #1:	0.526

BARBER - M24 0080048

SERIAL NUMBER: C6611641. __0
 TARGET NUMBER: 1
 FILE DATE: 07/09/2007
 FILE TIME: 14:50

POINT#	X	Y
1:	0.512	-0.754
2:	-0.118	-0.789
3:	-0.260	-0.195
4:	0.138	0.222
5:	-1.255	-0.154
6:	-0.270	0.646
7:	-0.319	0.895
8:	0.140	0.728
9:	-0.048	1.641
10:	-1.434	2.370

X CENTROID: -0.291
 Y CENTROID: 0.461
 POA TO CENTROID: 0.545
 HORZ SPREAD: 1.946
 VERT SPREAD: 3.159
 GROUP SPREAD: 3.681
 MIN RADIUS: 0.186
 MAX RADIUS: 2.225
 MEAN RADIUS: 0.957
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

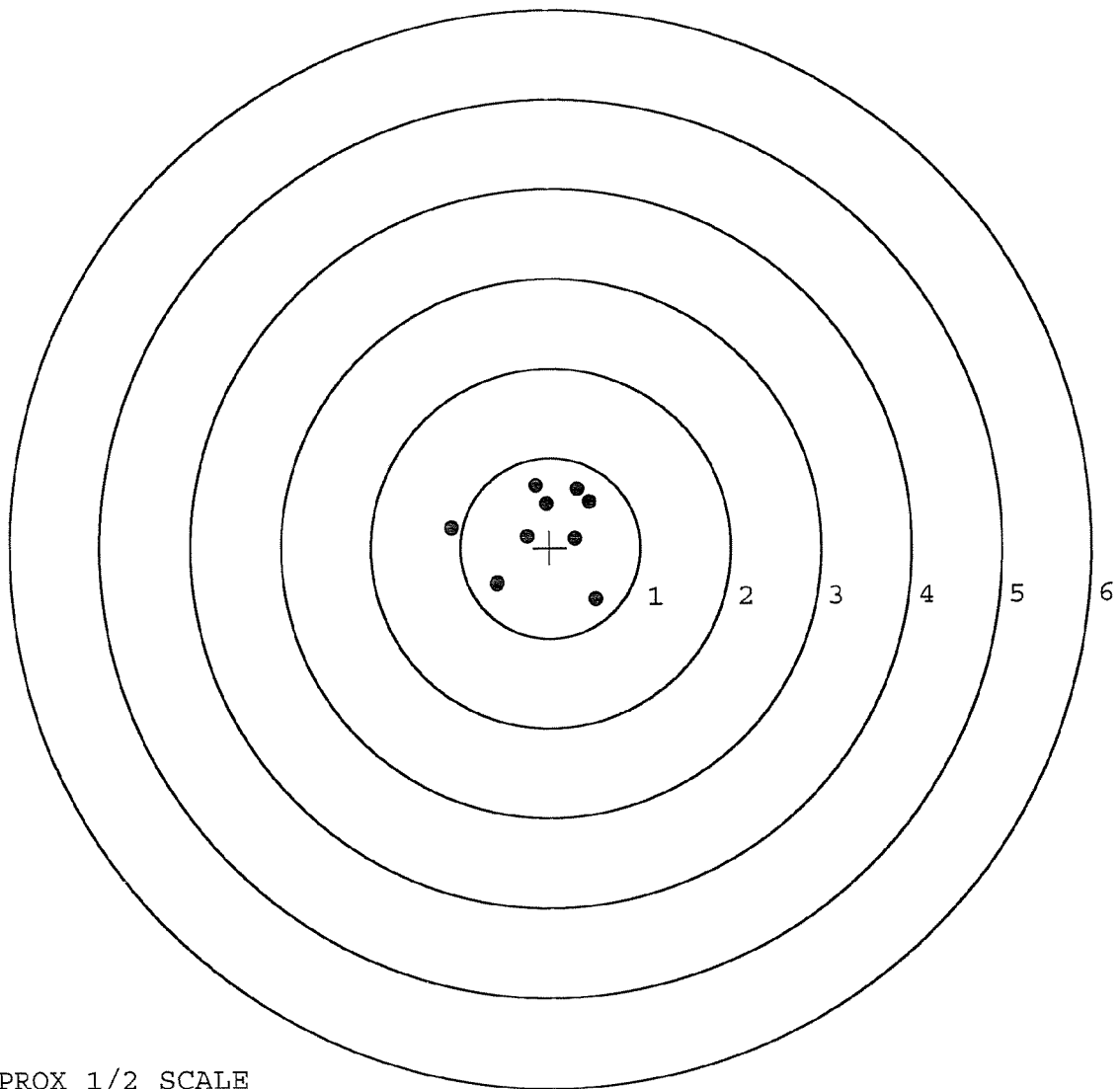


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611641. 0
 TARGET NUMBER: 2
 FILE DATE: 07/09/2007
 FILE TIME: 14:50

POINT#	X	Y
1:	0.502	-0.579
2:	-0.587	-0.392
3:	0.277	0.099
4:	0.434	0.503
5:	0.305	0.651
6:	-0.158	0.692
7:	-0.037	0.484
8:	-0.255	0.125
9:	-0.598	-0.406
10:	-1.096	0.226

X CENTROID: -0.121
 Y CENTROID: 0.140
 POA TO CENTROID: 0.185
 HORZ SPREAD: 1.598
 VERT SPREAD: 1.271
 GROUP SPREAD: 1.789
 MIN RADIUS: 0.135
 MAX RADIUS: 0.978
 MEAN RADIUS: 0.613
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



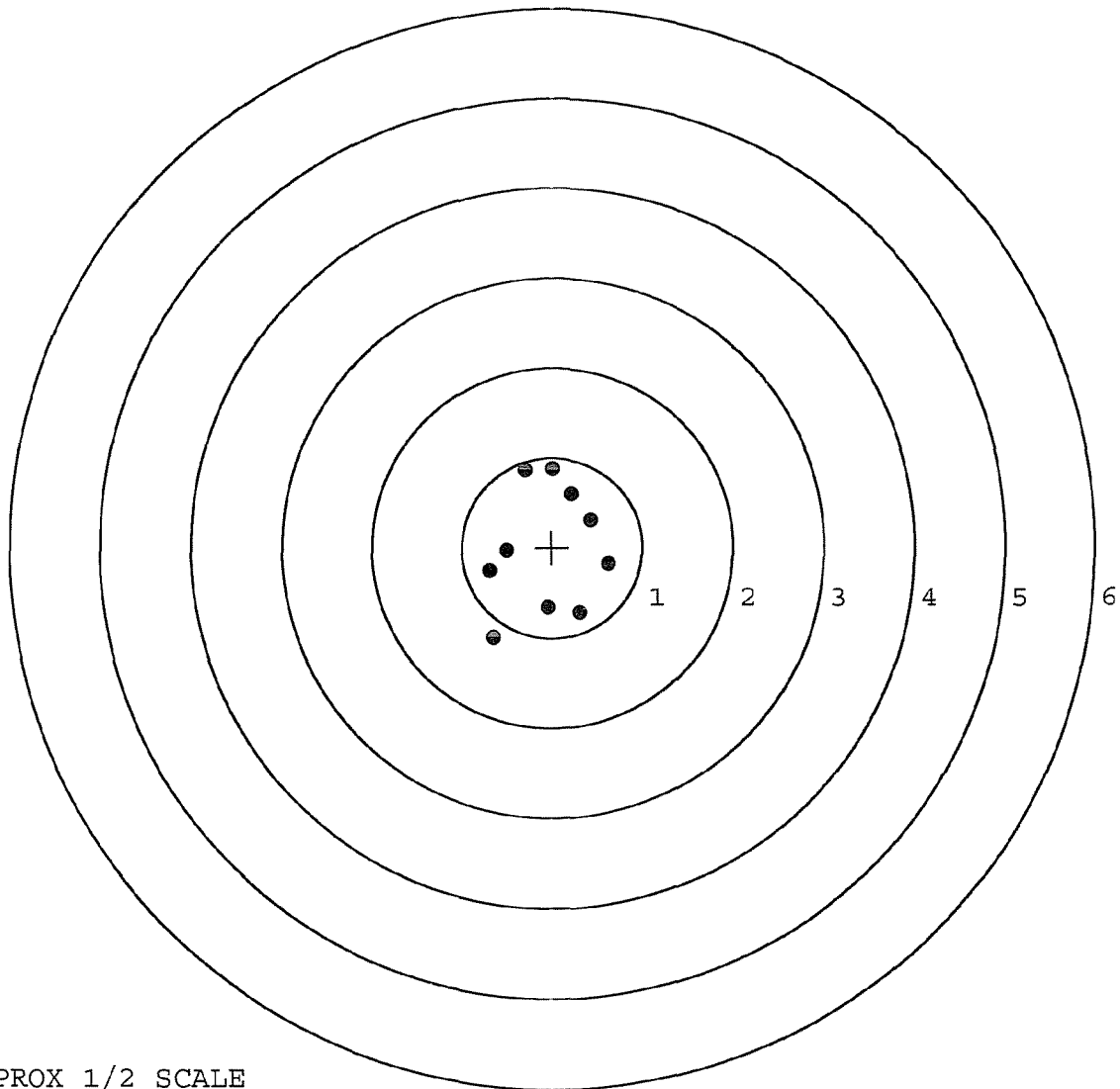
TARGET APPROX 1/2 SCALE

BARBER - M24 0080050

SERIAL NUMBER: C6611641. __0
 TARGET NUMBER: 3
 FILE DATE: 07/09/2007
 FILE TIME: 14:50

POINT#	X	Y
1:	0.311	-0.725
2:	0.632	-0.186
3:	-0.044	-0.669
4:	-0.650	-0.998
5:	-0.693	-0.255
6:	-0.503	-0.037
7:	0.431	0.302
8:	0.214	0.599
9:	0.016	0.874
10:	-0.300	0.862

X CENTROID: -0.059
 Y CENTROID: -0.023
 POA TO CENTROID: 0.063
 HORZ SPREAD: 1.325
 VERT SPREAD: 1.872
 GROUP SPREAD: 1.987
 MIN RADIUS: 0.445
 MAX RADIUS: 1.140
 MEAN RADIUS: 0.749
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



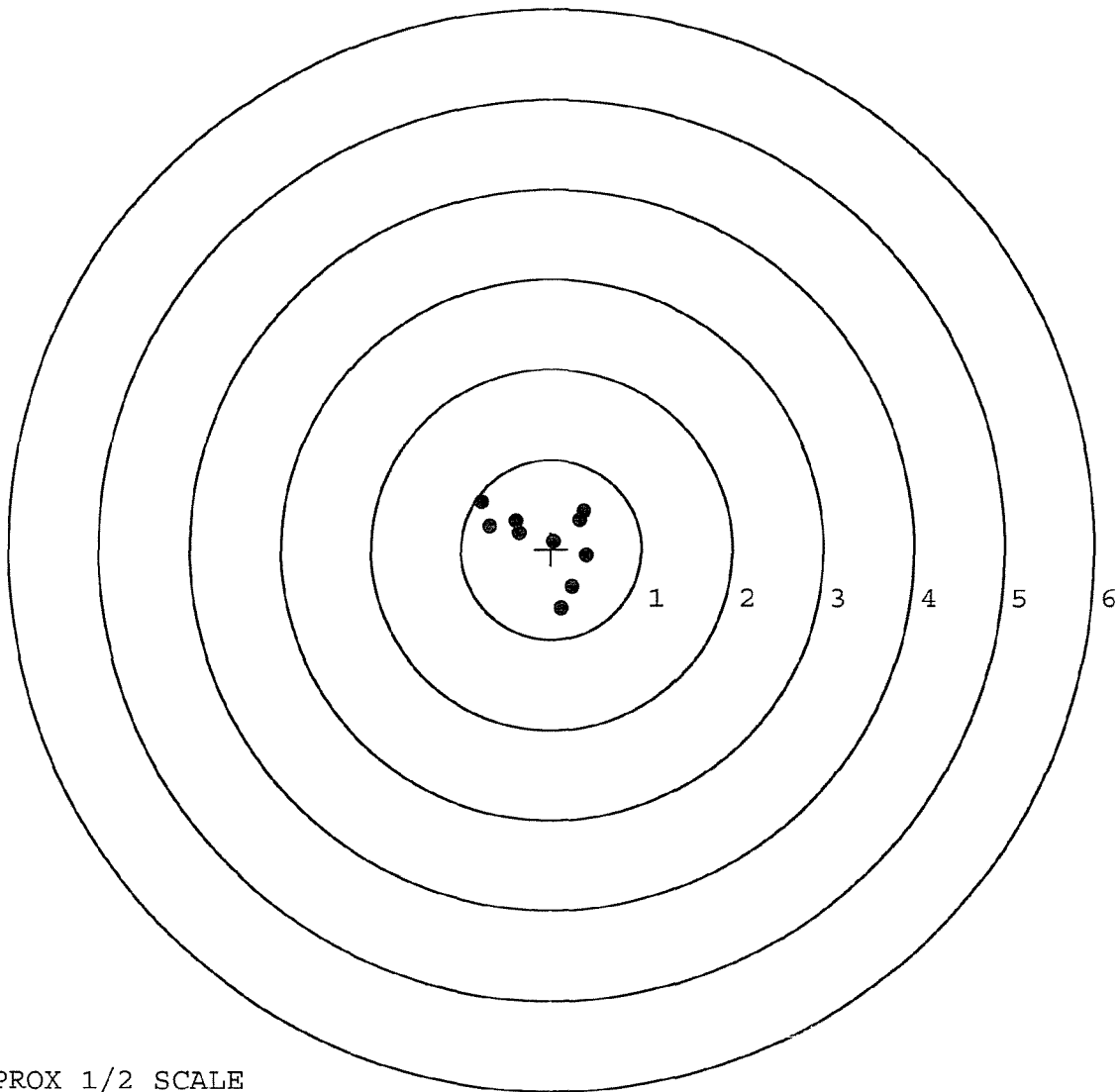
TARGET APPROX 1/2 SCALE

BARBER - M24 0080051

SERIAL NUMBER: C6611641. __0
 TARGET NUMBER: 4
 FILE DATE: 07/09/2007
 FILE TIME: 14:50

POINT#	X	Y
1:	0.114	-0.673
2:	0.234	-0.421
3:	0.399	-0.073
4:	0.365	0.429
5:	0.317	0.329
6:	0.029	0.086
7:	-0.355	0.185
8:	-0.389	0.317
9:	-0.684	0.254
10:	-0.771	0.533

X CENTROID: -0.074
 Y CENTROID: 0.097
 POA TO CENTROID: 0.122
 HORZ SPREAD: 1.170
 VERT SPREAD: 1.206
 GROUP SPREAD: 1.496
 MIN RADIUS: 0.104
 MAX RADIUS: 0.822
 MEAN RADIUS: 0.514
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0080052

SERIAL NUMBER: C6611641. __0

TARGET NUMBER: 5

FILE DATE: 07/09/2007

FILE TIME: 14:50

POINT#	X	Y
1:	0.206	0.659
2:	-0.428	0.953
3:	-0.755	-0.217
4:	-0.735	-0.640
5:	0.028	-0.695
6:	-0.262	-0.341
7:	-0.275	-0.136
8:	0.020	-0.170
9:	0.134	0.069
10:	0.416	0.018

X CENTROID: -0.165

Y CENTROID: -0.050

POA TO CENTROID: 0.173

HORZ SPREAD: 1.171

VERT SPREAD: 1.648

GROUP SPREAD: 1.710

MIN RADIUS: 0.140

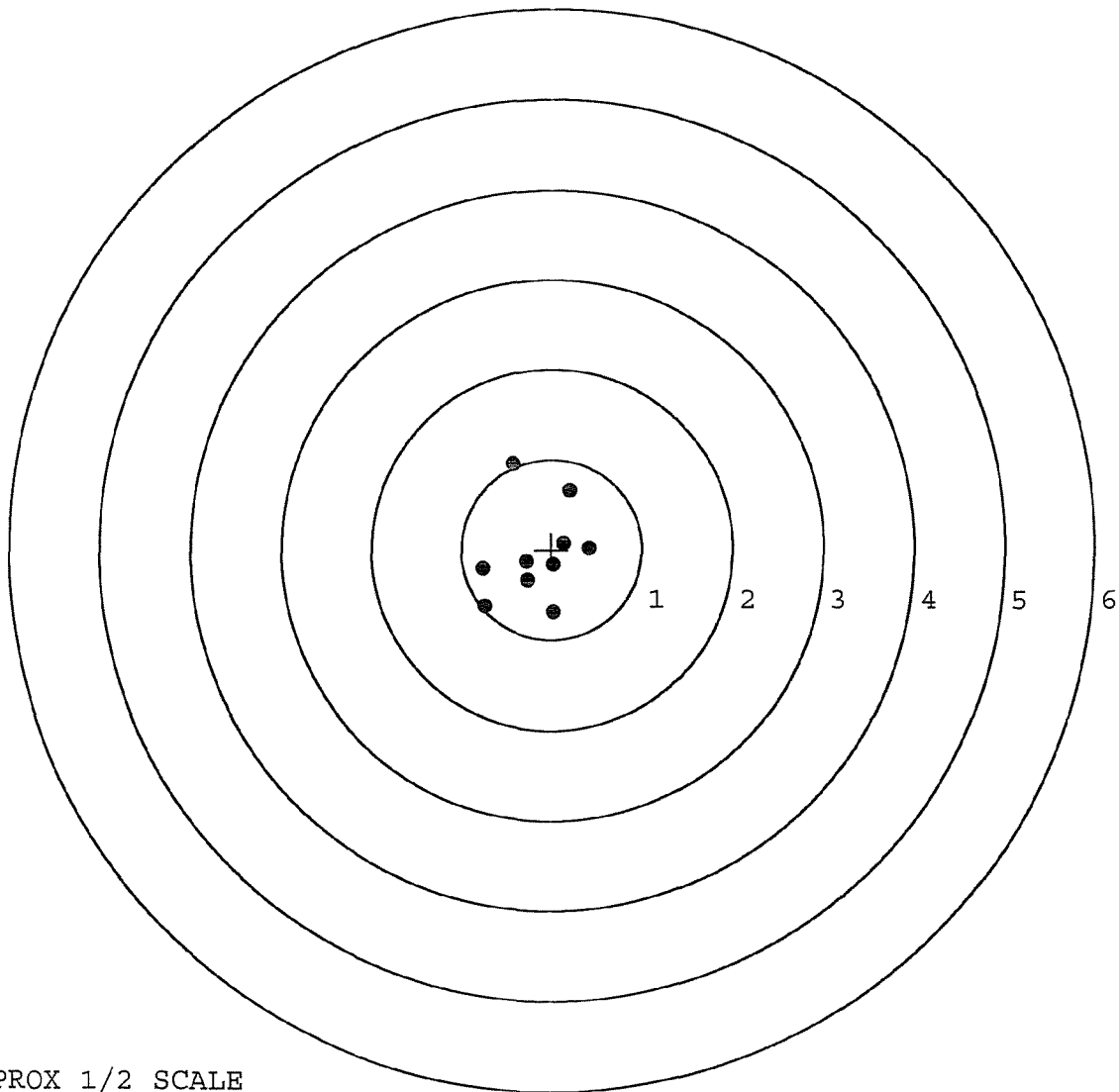
MAX RADIUS: 1.037

MEAN RADIUS: 0.552

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER		129628	
SERIAL NUMBER		C16011641	
LOG-IN DATE		5-22-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-20-07	RTZ
505	RE-BARREL	6-22-07	RTZ
560	ASSEMBLE	6-22-07	RTZ
600	PROOF	6-22-07	TRW
605	CHECK HEADSPACE	6-22-07	TRW
610	DIS-ASSEMBLE GUN	6-22-07	RTZ
612	MAGNAFLUX	6/25/07	unsub
510	DRILL AND TAP	6-22-07	SD
615	ROLLMARK CALIBER	6-26-07	CW
618	ROTO-BLAST	6-26-07	LB
620	APPLY COATINGS	6-28-07	cm
625	FINAL ASSEMBLY	7-6-07	L.P.D.
640	FUNCTION TEST AND	PASS FAIL 7-9-07	TRW
650	TARGET	PASS FAIL 7-9-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-9-07	W/K
	A) HEADSPACE	PASS FAIL 7-10-07	RTZ
	B) TRIGGER PULL	260 2.56 2.49 2.61 2.47	RTZ
		2 LBS MIN 10 LBS MAX	
680	F) SAFETY ON FORCE	60 60 60	RTZ
		2 LBS MIN	
	G) SAFETY OFF FORCE	2.5 2.5 2.25	RTZ
	I) FIRING PIN INDENT	.022 .022 .023	RTZ
690	PACK	7-10-07	DA

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: **RE00044303** Serial: C6611641 Model: 700 Center Fire Caliber: 7.62 NATO M:24 (SWS) Repairman: Status: Closed 4/1/02 3:06:57 PM

Address Information

Customer: Received From: Return To: Received From:

Name: HHC 1184TH IN HHC 1184TH IN

Address 1: 1040 FLOWER ST 1040 FLOWER ST

Address 2: PO Box: PO Box:

City: TURLOCK TURLOCK

State: CA Zip Code: 95380 Country: US State: CA Zip Code: 95380 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1

Repair Search Refresh Close

maglet 4/1/02 3:31 PM CAPS NUM INS SCFL

Start Inbox - Mi... Calendar... WAR-IN... Scorecar... SWS-Re... Arms S... 3:31 PM

Number: **C6611641**

Model: **700**



RE00044303

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611641.___0

FILE DATE AND TIME: 04/16/2002 13:47

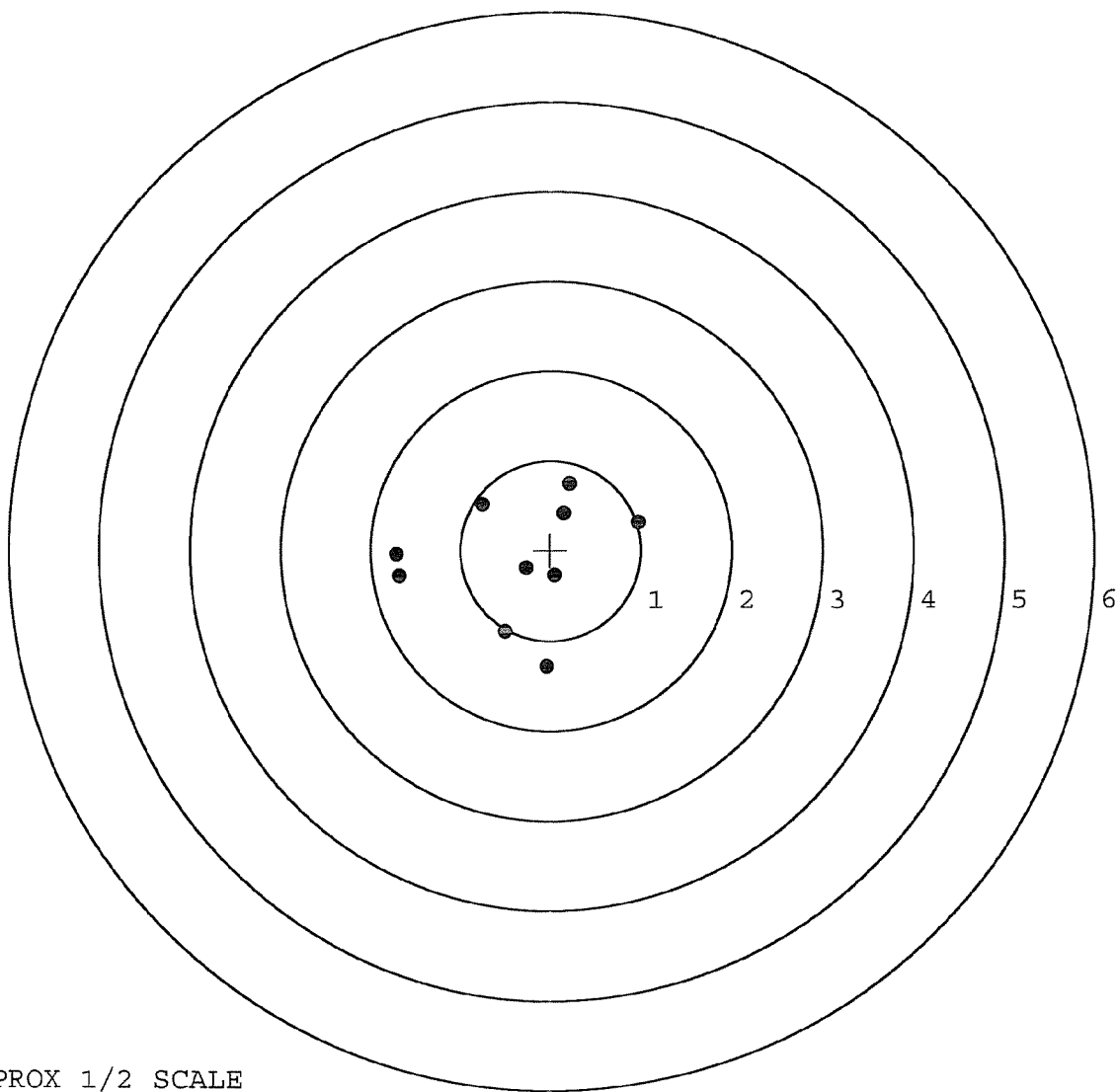
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.101
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.103
The Average Mean Radius of the Five Target Set:	0.688
The Distance from POA to Centroid Target #1:	0.374
The Distance from Centroid Target #2 to Centroid Target #1:	0.422
The Distance from Centroid Target #3 to Centroid Target #1:	0.302
The Distance from Centroid Target #4 to Centroid Target #1:	0.272
The Distance from Centroid Target #5 to Centroid Target #1:	0.460

SERIAL NUMBER: C6611641. __0
 TARGET NUMBER: 1
 FILE DATE: 04/16/2002
 FILE TIME: 13:47

POINT#	X	Y
1:	0.967	0.312
2:	0.153	0.411
3:	0.209	0.740
4:	-0.755	0.511
5:	-1.717	-0.047
6:	-1.681	-0.288
7:	-0.272	-0.202
8:	0.053	-0.284
9:	-0.500	-0.902
10:	-0.045	-1.292

X CENTROID: -0.359
 Y CENTROID: -0.104
 POA TO CENTROID: 0.374
 HORZ SPREAD: 2.684
 VERT SPREAD: 2.032
 GROUP SPREAD: 2.715
 MIN RADIUS: 0.131
 MAX RADIUS: 1.390
 MEAN RADIUS: 0.918
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

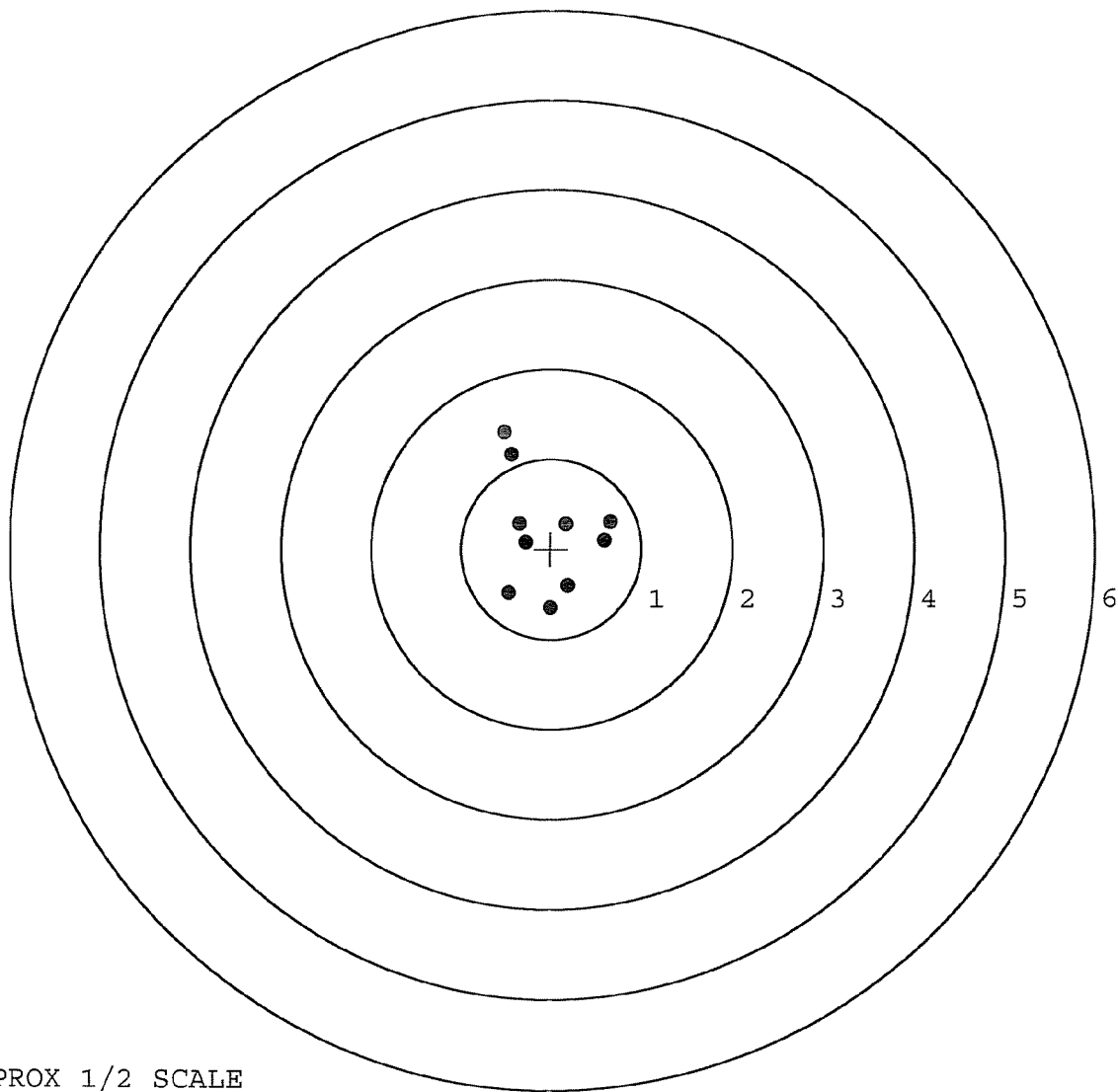


TARGET APPROX 1/2 SCALE

BARBER - M24 0080057

SERIAL NUMBER: C6611641. __0
TARGET NUMBER: 2
FILE DATE: 04/16/2002
FILE TIME: 13:47

	POINT#	X	Y
	1:	0.188	-0.412
	2:	-0.007	-0.660
	3:	-0.468	-0.491
	4:	-0.286	0.075
X CENTROID:	5:	-0.353	0.280
Y CENTROID:	6:	0.168	0.276
POA TO CENTROID:	7:	0.587	0.098
HORZ SPREAD:	8:	0.658	0.303
VERT SPREAD:	9:	-0.443	1.049
GROUP SPREAD:	10:	-0.522	1.299
MIN RADIUS:		0.236	
MAX RADIUS:		1.214	
MEAN RADIUS:		0.662	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		10	



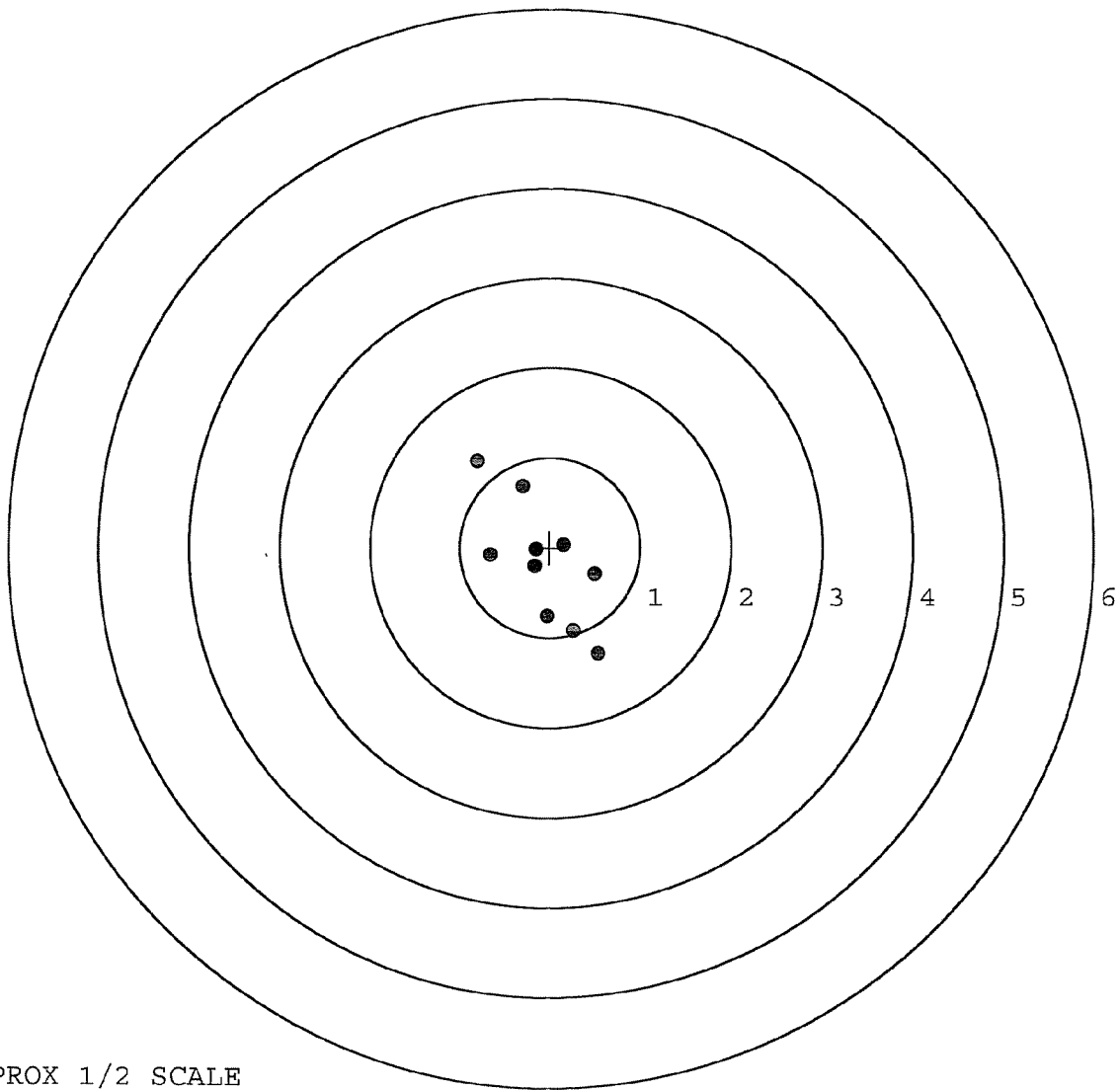
TARGET APPROX 1/2 SCALE

BARBER - M24 0080058

SERIAL NUMBER: C6611641. __0
 TARGET NUMBER: 3
 FILE DATE: 04/16/2002
 FILE TIME: 13:47

POINT#	X	Y
1:	0.538	-1.186
2:	0.266	-0.933
3:	-0.029	-0.768
4:	0.500	-0.296
5:	-0.663	-0.086
6:	0.155	0.030
7:	-0.156	-0.025
8:	-0.171	-0.211
9:	-0.303	0.683
10:	-0.808	0.966

X CENTROID: -0.067
 Y CENTROID: -0.183
 POA TO CENTROID: 0.195
 HORZ SPREAD: 1.346
 VERT SPREAD: 2.152
 GROUP SPREAD: 2.538
 MIN RADIUS: 0.108
 MAX RADIUS: 1.367
 MEAN RADIUS: 0.662
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



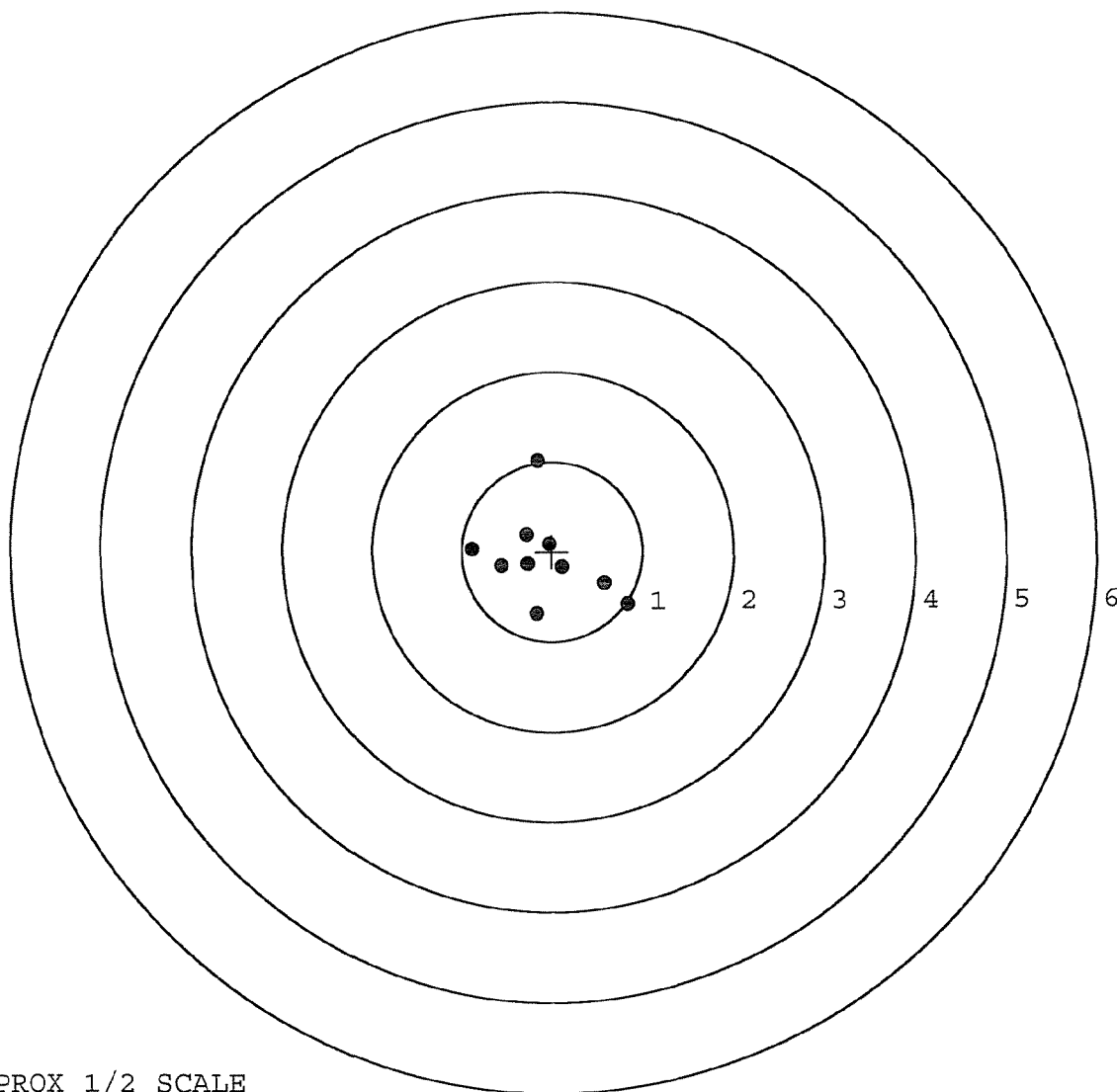
TARGET APPROX 1/2 SCALE

BARBER - M24 0080059

SERIAL NUMBER: C6611641. __0
 TARGET NUMBER: 4
 FILE DATE: 04/16/2002
 FILE TIME: 13:47

POINT#	X	Y
1:	0.835	-0.588
2:	0.569	-0.356
3:	0.111	-0.175
4:	-0.177	-0.696
5:	-0.274	-0.144
6:	-0.285	0.187
7:	-0.891	0.033
8:	-0.165	1.007
9:	-0.029	0.082
10:	-0.572	-0.164

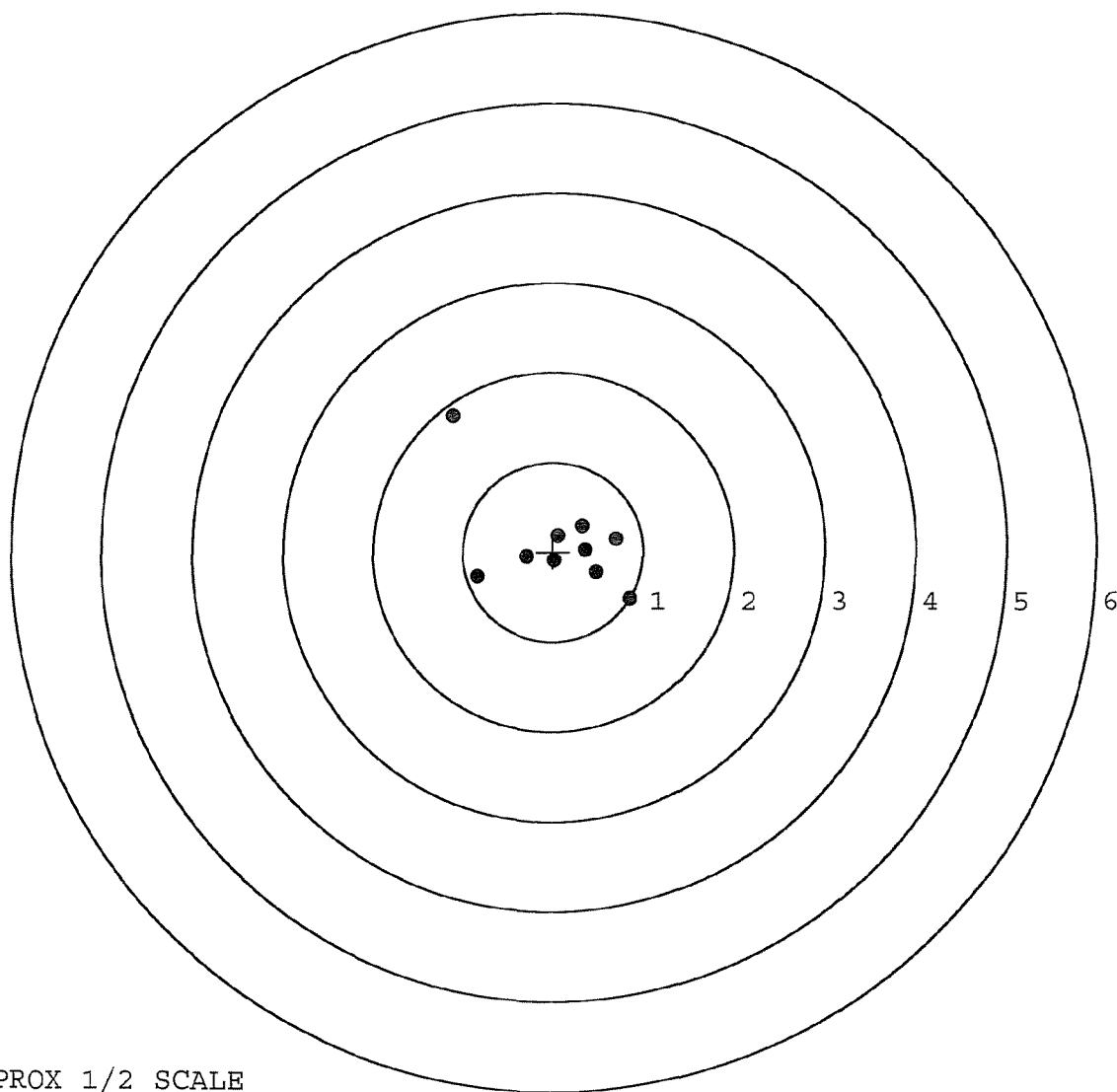
X CENTROID: -0.088
 Y CENTROID: -0.081
 POA TO CENTROID: 0.120
 HORZ SPREAD: 1.726
 VERT SPREAD: 1.703
 GROUP SPREAD: 1.883
 MIN RADIUS: 0.174
 MAX RADIUS: 1.091
 MEAN RADIUS: 0.570
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0080060

SERIAL NUMBER: C6611641.____0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.855	-0.528
FILE DATE: 04/16/2002	2:	0.486	-0.231
FILE TIME: 13:47	3:	0.696	0.144
	4:	0.326	0.291
X CENTROID: 0.056	5:	0.054	0.180
Y CENTROID: 0.096	6:	-0.291	-0.059
POA TO CENTROID: 0.111	7:	-0.838	-0.281
HORZ SPREAD: 1.964	8:	-1.109	1.510
VERT SPREAD: 2.038	9:	0.359	0.026
GROUP SPREAD: 2.830	10:	0.019	-0.094
MIN RADIUS: 0.084			
MAX RADIUS: 1.832			
MEAN RADIUS: 0.630			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER <u>44303</u>			
SERIAL NUMBER <u>C66611641</u>			
LOG-IN DATE <u>4/1/02</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4/02/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	4/3/02	BWT
B	DRILL AND TAP	4/3/02	BWT
C	POLISH	4/3/02	RH
575	ASSEMBLE	4/3/02	RH
600	PROOF	4-3-02	AC
605	CHECK HEADSPACE	4-3-02	AC
610	DIS-ASSEMBLE GUN	4-3-02	RH
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	4/9/02	TRD
618	ROTO-BLAST	4/10/02	NO
620	APPLY COATINGS	4-11	TH
625 A	FINAL ASSEMBLY	4/12/02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-15-02	TRW
655	FINAL INSPECT	4-18-02	RL
660	PACK	4-18-02	RH
		SHIP DATE	
		QAR INSPECTION DATE	

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611641

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes	2 2	91	FJB
618	Polish Barrel RBB		3/7	WJB
620	Apply Coatings (Barrel Action)		2-11-91	TJH
	Apply Coating (Bolt)			
625	Final Assembly		3/5/91	KJ
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KJ
	C) Inspect Ejector Hole for Chamfer		3/5/91	KJ
	D) Oil Firing Pin Ass'y		3/5/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	WJB

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/7/91	WB
	G) Safety Off Force	2	2	2			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.0205	.020	.020			3/7/91	WB
	J) Assemble Stock						3/7/91	KL
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/7/91	KL
	M) Iron Sight Alignment						3/7/91	KL
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	KL
	O) Attach Scope to Rifle						3/7/91	KL
	P) Detach & Attach Scope 20 Times						3/7/91	KL
640	Gallery Target & Test						3-8-91	DH
	A) Time						3-8-91	DH
	B) Malfunctions						3-8-91	DH
	C) Pierced Primers						3-8-91	DH
	D) Optical Clarity of Scope						3-8-91	DH
645	Inspect for Live Ammo						3-8-91	DH
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.53	2.40	2.31	2.32	2.29	3/11/91	99
	C) Function						3-11-91	DH
660	Pack						3/19/91	VF

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

SERIAL NO. C6611641
DATE 7/7/91
TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.37	2.40	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.35	2.37	2.40	
PULL #3	2.35	2.36	2.41	2.31	
PULL #4	2.34	2.34	2.39	2.32	
PULL #5	2.38	2.42	2.42	2.29	
TOTAL	11.75	11.84	11.99		
AVG.	2.35	2.37	2.40		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.22		
PULL #2	3.26	3.20		
PULL #3	3.27	3.24		
PULL #4	3.25	3.18		
PULL #5	3.28	3.18		
TOTAL	16.37	16.02		
AVG.	3.27	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.19		4.16
PULL #2	4.17	4.18		4.17
PULL #3	4.14	4.18		4.18
PULL #4	4.17	4.18		4.17
PULL #5	4.16	4.22		4.17
TOTAL	20.85	20.95		20.85
AVG.	4.17	4.19		4.17

REPAIR STOCK AT
REAR OF TRIG GARD.

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6611641

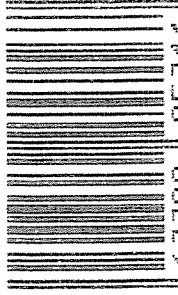
ORDER NO.
5716

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



5716 C6611641

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611641
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.149513
1 TO	2	.0956922
1 TO	3	.178264
1 TO	4	.0661287
1 TO	5	.273514

5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0662
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.057
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0873581
THE AMR FOR THIS RIFLE IS: .9828

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CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.078

VS= 3.324

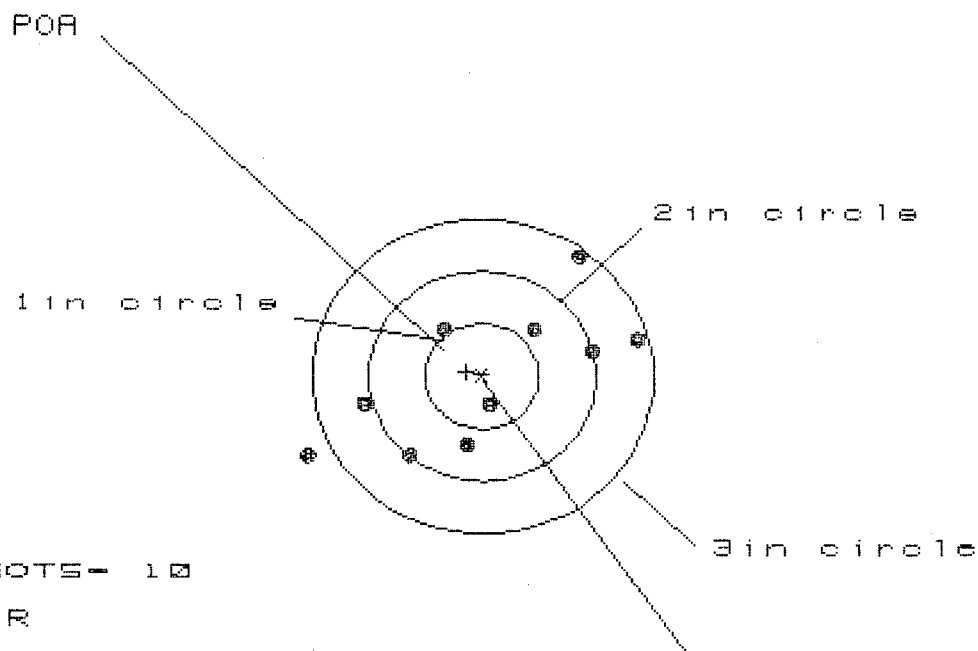
GS= 3.473

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.990	.761	.772
MINIMUM X	:	-1.088	-.978	-.967
MAXIMUM Y	:	1.434	1.224	.861
MINIMUM Y	:	-1.890	-1.219	-1.066
CENTROID X	:	.085	-.025	-.036
CENTROID Y	:	-.123	.087	-.066
POA TO CENTROID in.	:	.149	.091	.075
MIN RADIUS	:	.410	.481	.518
MEAN RADIUS	:	1.059	.912	.876
MAX RADIUS	:	2.134	1.294	1.171
HORIZONTAL SPREAD	:	2.078	1.739	1.739
VERTICAL SPREAD	:	3.324	2.443	1.927
EXTREME SPREAD	:	3.473	2.476	2.267
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.894

VS = 1.905

GS = 3.088

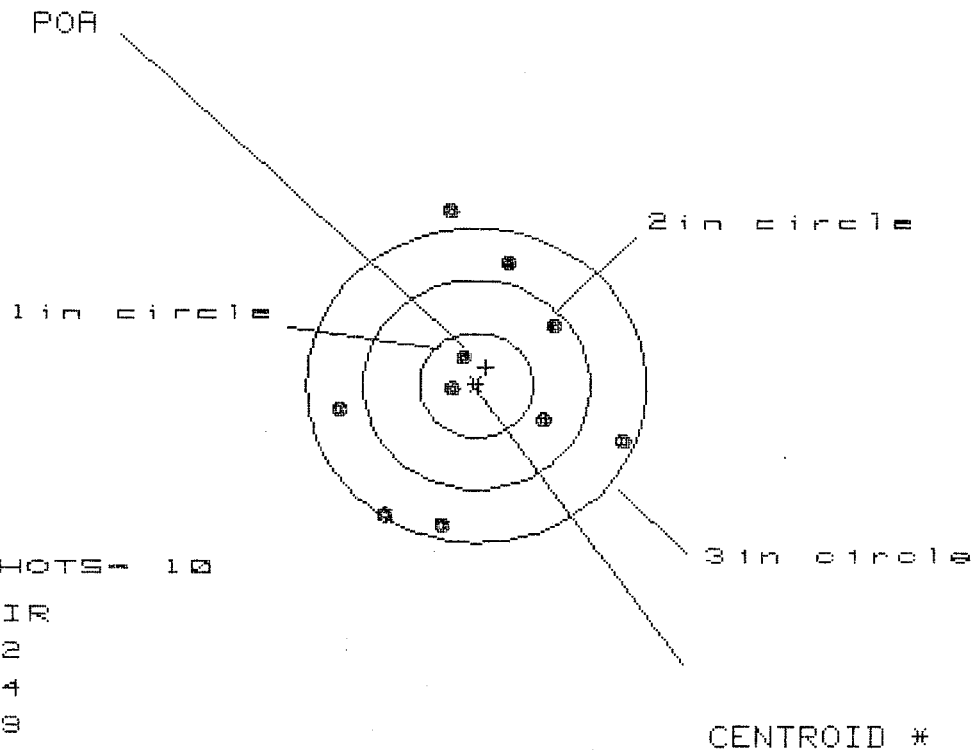
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.366	1.197	1.278
MINIMUM X	:	-1.528	-1.210	-1.129
MAXIMUM Y	:	1.164	1.082	.538
MINIMUM Y	:	-.741	-.788	-.653
CENTROID X	:	.139	.308	.227
CENTROID Y	:	-.044	.038	-.097
POA TO CENTROID in.	:	.146	.311	.247
MIN RADIUS	:	.290	.405	.249
MEAN RADIUS	:	.975	.890	.823
MAX RADIUS	:	1.698	1.268	1.336
HORIZONTAL SPREAD	:	2.894	2.407	2.407
VERTICAL SPREAD	:	1.905	1.870	1.191
EXTREME SPREAD	:	3.088	2.489	2.489
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.248	1.141
MINIMUM X	-1.191	-1.211	-1.318
MAXIMUM Y	1.668	1.352	1.224
MINIMUM Y	-1.342	-1.157	-1.285
CENTROID X	-.088	-.068	.039
CENTROID Y	-.166	-.351	-.223
POA TO CENTROID in.	.188	.358	.226
MIN RADIUS	.244	.272	.358
MEAN RADIUS	1.041	.974	.910
MAX RADIUS	1.678	1.386	1.365
HORIZONTAL SPREAD	2.459	2.459	2.459
VERTICAL SPREAD	3.010	2.509	2.509
EXTREME SPREAD	3.014	2.645	2.594
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
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 = 2

2 in = 8

3 in = 9

HS= 2.187

VS= 2.052

GS= 2.507

PATTERN #

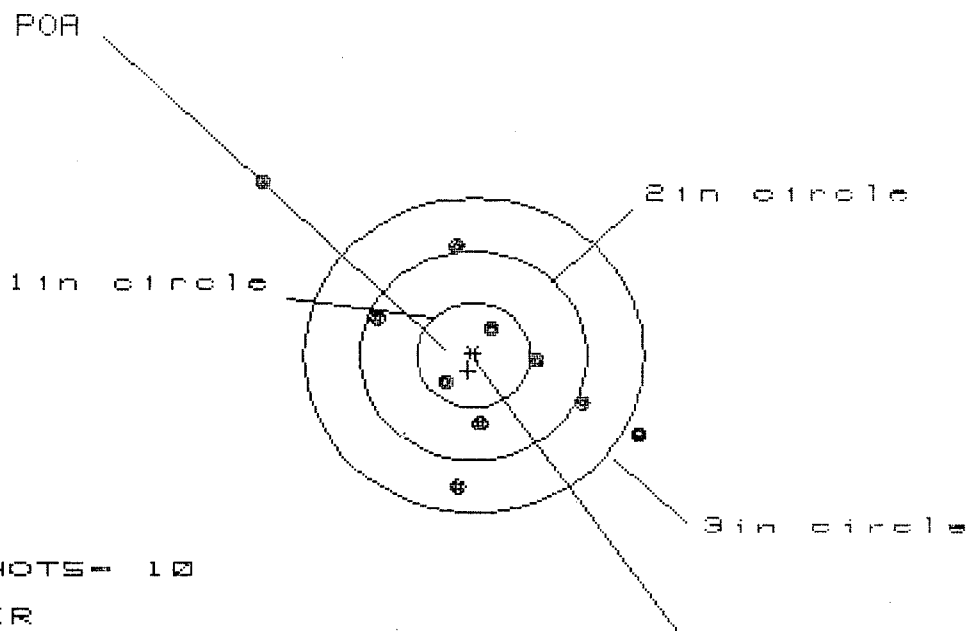
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.359	.517	.526
MINIMUM X	:	-.828	-.677	-.668
MAXIMUM Y	:	1.117	1.014	.690
MINIMUM Y	:	-.934	-.947	-.821
CENTROID X	:	.147	-.004	-.013
CENTROID Y	:	-.100	.004	-.122
POA TO CENTROID in.	:	.177	.006	.123
MIN RADIUS	:	.316	.145	.263
MEAN RADIUS	:	.805	.679	.642
MAX RADIUS	:	1.650	1.079	.975
HORIZONTAL SPREAD	:	2.187	1.194	1.194
VERTICAL SPREAD	:	2.052	1.961	1.511
EXTREME SPREAD	:	2.507	2.012	1.632
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 3.344

VS = 2.933

GS = 4.113

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.460	1.251	.931
MINIMUM X	-1.884	-1.083	-.927
MAXIMUM Y	1.651	1.254	1.185
MINIMUM Y	-1.282	-1.099	-1.168
CENTROID X	.048	.257	.101
CENTROID Y	.148	-.035	.035
POA TO CENTROID in.	.156	.260	.107
MIN RADIUS	.286	.389	.283
MEAN RADIUS	1.034	.843	.765
MAX RADIUS	2.505	1.370	1.194
HORIZONTAL SPREAD	3.344	2.334	1.858
VERTICAL SPREAD	2.933	2.353	2.353
EXTREME SPREAD	4.113	2.598	2.353
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		