

C6348863

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00158656

Serial: C6348863 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1999

Repairman:

Status: Closed 1/13/2009 5:40:14 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To

☐ Received From

Name: HHC 1-503RD IN, 173RD ABN

HHC 1-503RD IN, 173RD ABN

Address 1: ATTN CW4 DIBIAS, JOHN

ATTN CW4 DIBIAS, JOHN

Address 2: UNIT 31401 BOX #53

PO Box:

UNIT 31401 BOX #53

PO Box:

City: APO

APO

State: AE

Zip Code: 09630

Country: XX

State: AE

Zip Code: 09630

Country: XX

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A003	With Swivel	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

1/26/2009

11:32 AM

CAPS

NUM

INS

SCAL

Ustart

Inbox - Micros...

FW: Request f...

Jlton 19 Feb - ...

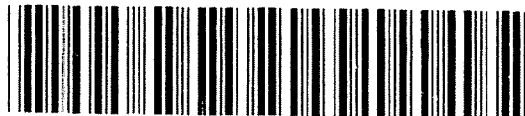
(UNCLASSIFIED...

Microsoft Excel...

Arms Services ...

Serial Number: C6348863

Model: M24 SWS



RE00158656

R & E NUMBER 158656
 SERIAL NUMBER C6348863
 LOG-IN DATE 1-13-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-28-09	RT
505	RE-BARREL	1-29-09	RT
560	ASSEMBLE	1-29-09	RT
600	PROOF	1-29-09	RT
605	CHECK HEADSPACE	1-29-09	RT
610	DIS-ASSEMBLE GUN	1-29-09	RT
612	MAGNAFLUX	2-2-09	RT
510	DRILL AND TAP	1-30-09	SP
615	ROLLMARK CALIBER	2/2/09	RT
618	ROTO-BLAST	2/3/09	RT
620	APPLY COATINGS	2-5	
625	FINAL ASSEMBLY	2-6-09	RT
640	FUNCTION TEST AND	2-6-09	RT
650	TARGET	2-6-09	RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-9-09	RT
	A) HEADSPACE	PASS FAIL	2-9-09 RT
	B) TRIGGER PULL	2.38 2.36 2.32 2.31 2.30 2-9-09	RT
680	F) SAFETY ON FORCE	4.0 4.0 4.0 2-9-09	RT
	G) SAFETY OFF FORCE	6.0 6.0 6.0 2-9-09	RT
	I) FIRING PIN INDENT	.020 .021 .021 2-9-09	RT
690	PACK	2-10-09	RT

DA FORM 2407, JUL 94

CONTROL COPY 3

APO

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348863.___0
FILE DATE AND TIME: 02/09/2009 05:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	0.081
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	1.088
The Distance from POA to Centroid Target #1:	0.401
The Distance from Centroid Target #2 to Centroid Target #1:	0.705
The Distance from Centroid Target #3 to Centroid Target #1:	0.530
The Distance from Centroid Target #4 to Centroid Target #1:	0.130
The Distance from Centroid Target #5 to Centroid Target #1:	0.532

BARBER - M24 0040109

SERIAL NUMBER: C6348863. 0

TARGET NUMBER: 1

FILE DATE: 02/09/2009

FILE TIME: 05:44

POINT#	X	Y
1:	-0.913	1.304
2:	0.247	2.088
3:	0.480	1.388
4:	-0.094	1.291
5:	1.051	0.757
6:	0.270	0.111
7:	0.245	-1.074
8:	-0.307	-0.400
9:	-0.716	-0.905
10:	-0.773	-0.587

X CENTROID: -0.051

Y CENTROID: 0.397

POA TO CENTROID: 0.401

HORZ SPREAD: 1.964

VERT SPREAD: 3.162

GROUP SPREAD: 3.162

MIN RADIUS: 0.430

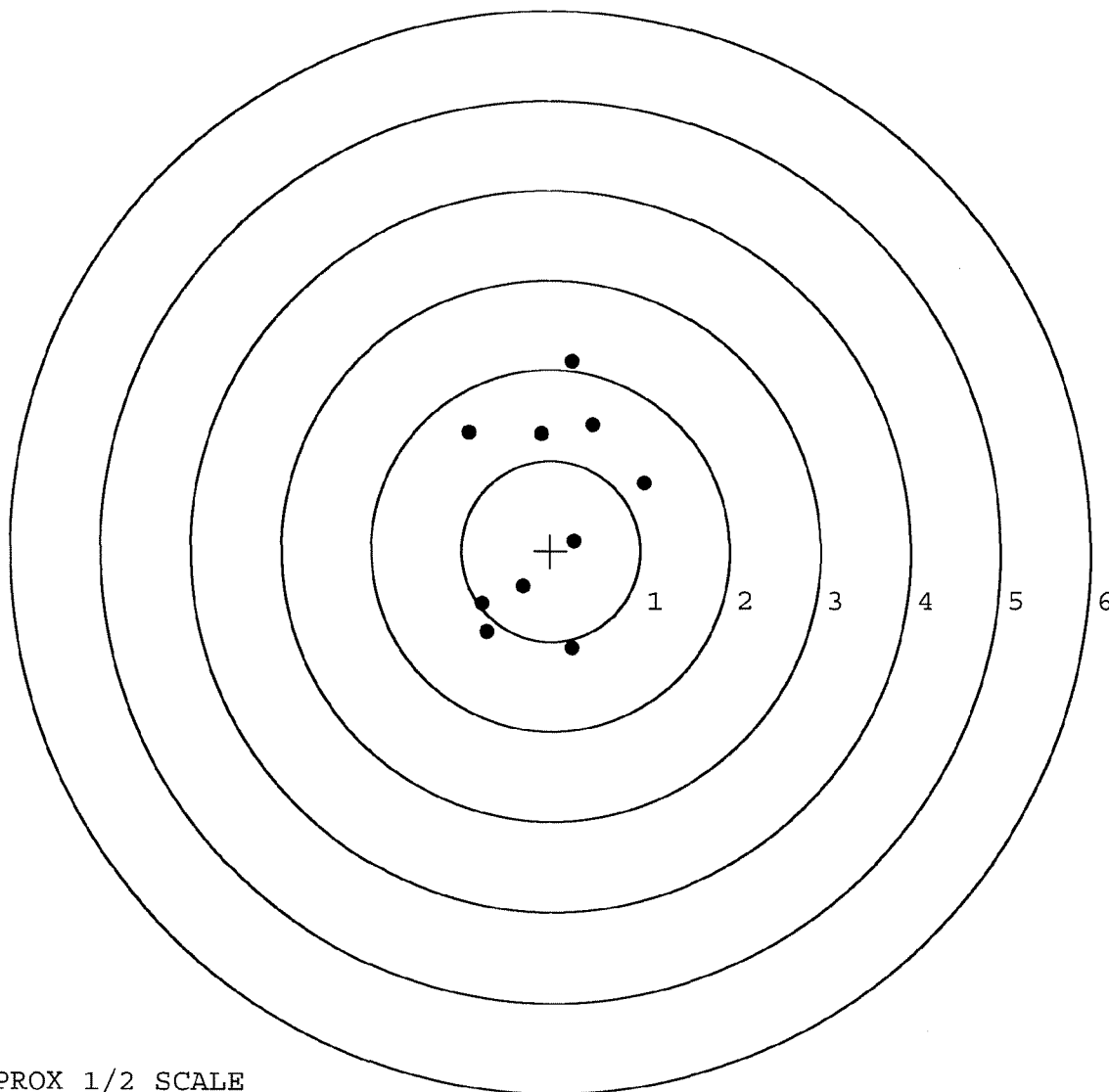
MAX RADIUS: 1.717

MEAN RADIUS: 1.160

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0040110

SERIAL NUMBER: C6348863. __0

TARGET NUMBER: 2

FILE DATE: 02/09/2009

FILE TIME: 05:44

POINT#	X	Y
1:	-0.518	0.628
2:	-0.933	0.335
3:	-0.423	0.029
4:	0.044	-0.128
5:	0.477	-0.480
6:	-0.592	-0.864
7:	1.750	-1.629
8:	1.579	-1.218
9:	1.112	0.441
10:	1.396	1.348

X CENTROID: 0.389

Y CENTROID: -0.154

POA TO CENTROID: 0.418

HORZ SPREAD: 2.683

VERT SPREAD: 2.977

GROUP SPREAD: 3.325

MIN RADIUS: 0.338

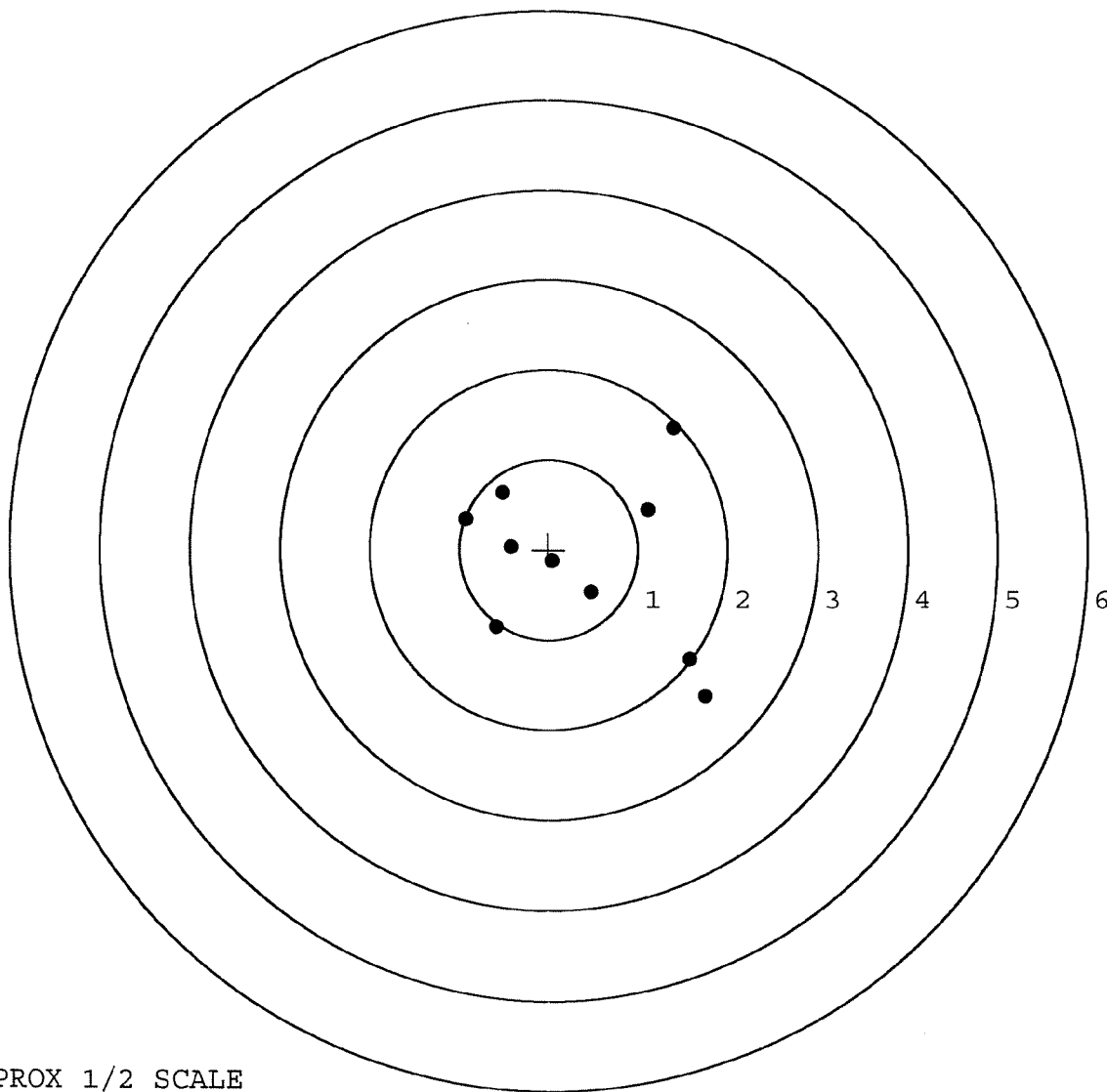
MAX RADIUS: 2.007

MEAN RADIUS: 1.168

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0040111

SERIAL NUMBER: C6348863. __0

TARGET NUMBER: 3

FILE DATE: 02/09/2009

FILE TIME: 05:44

POINT#	X	Y
1:	-0.618	0.735
2:	-0.759	0.372
3:	0.149	0.468
4:	1.195	0.223
5:	1.588	-1.172
6:	0.588	-0.800
7:	0.507	-0.598
8:	0.085	-0.556
9:	-0.397	-0.119
10:	-1.893	0.202

X CENTROID: 0.044

Y CENTROID: -0.125

POA TO CENTROID: 0.132

HORZ SPREAD: 3.481

VERT SPREAD: 1.907

GROUP SPREAD: 3.742

MIN RADIUS: 0.433

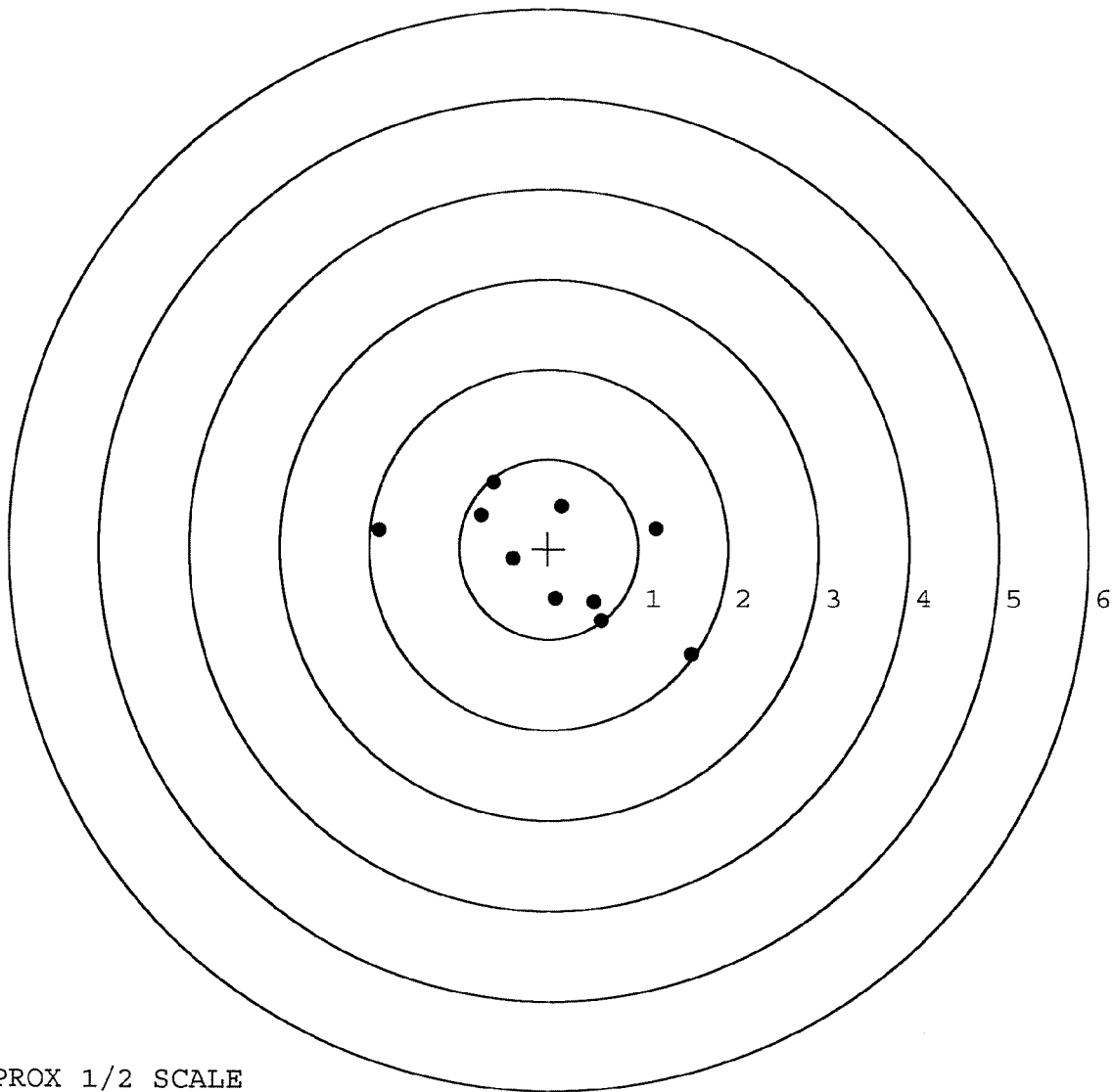
MAX RADIUS: 1.965

MEAN RADIUS: 1.007

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0040112

SERIAL NUMBER: C6348863. 0

TARGET NUMBER: 4

FILE DATE: 02/09/2009

FILE TIME: 05:44

POINT#	X	Y
1:	-0.731	-0.955
2:	0.174	-0.839
3:	0.160	-0.381
4:	-0.490	-0.040
5:	0.012	0.571
6:	0.055	0.323
7:	-0.713	0.949
8:	2.328	1.360
9:	0.047	2.655
10:	-0.071	0.554

X CENTROID: 0.077

Y CENTROID: 0.420

POA TO CENTROID: 0.427

HORZ SPREAD: 3.059

VERT SPREAD: 3.610

GROUP SPREAD: 3.836

MIN RADIUS: 0.099

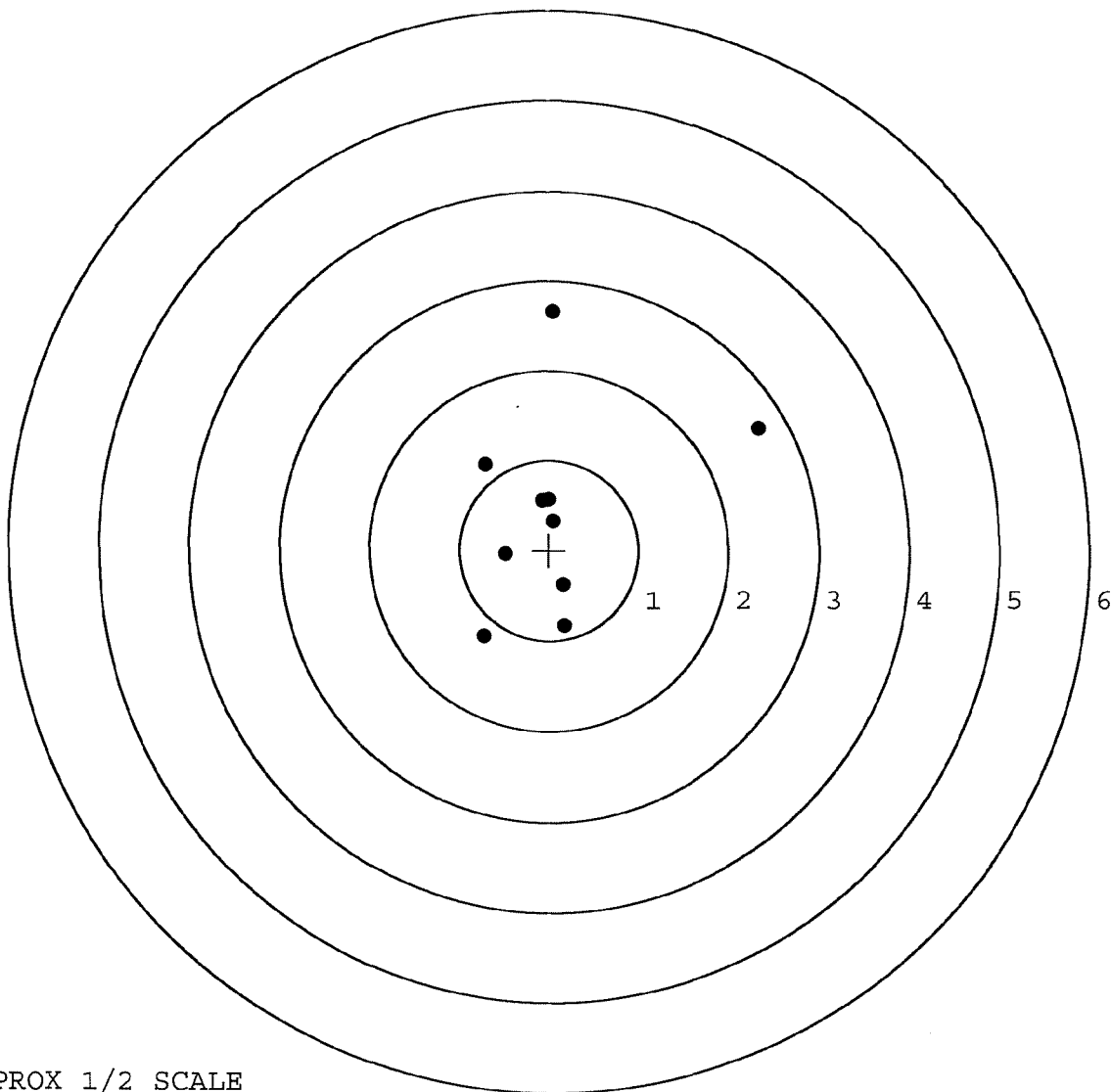
MAX RADIUS: 2.439

MEAN RADIUS: 1.048

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0040113

SERIAL NUMBER: C6348863. __0

TARGET NUMBER: 5

FILE DATE: 02/09/2009

FILE TIME: 05:44

POINT#	X	Y
1:	-1.335	0.722
2:	0.049	1.214
3:	1.274	0.411
4:	0.324	0.000
5:	-0.129	0.371
6:	-0.668	0.011
7:	0.506	-0.333
8:	0.497	-1.222
9:	-1.146	-0.770
10:	-0.222	-1.736

X CENTROID: -0.085

Y CENTROID: -0.133

POA TO CENTROID: 0.158

HORZ SPREAD: 2.609

VERT SPREAD: 2.950

GROUP SPREAD: 2.962

MIN RADIUS: 0.430

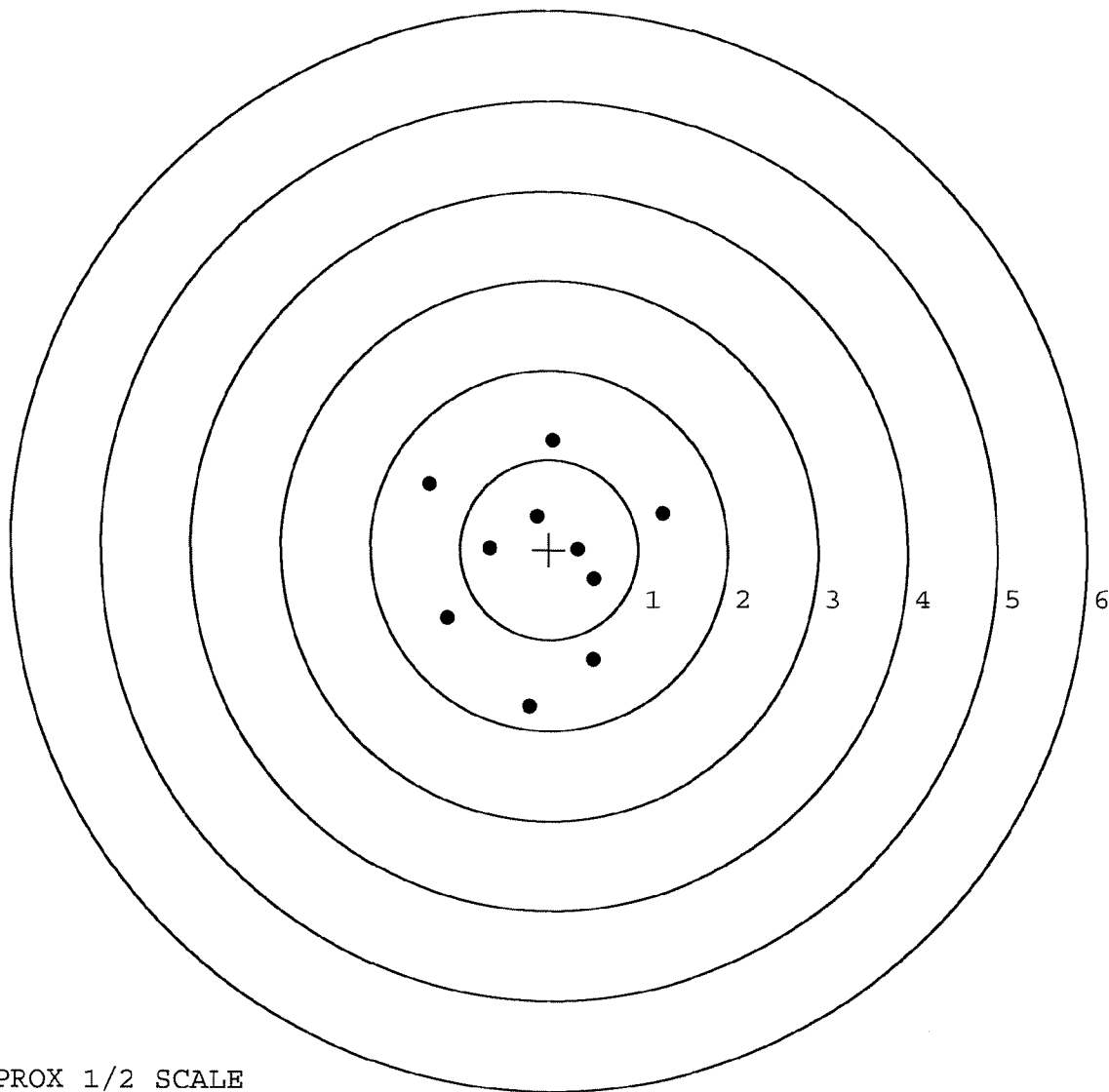
MAX RADIUS: 1.609

MEAN RADIUS: 1.057

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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: **RE00111020** Serial: C6348863 Model M24 SWS Center Fire Repairman: _____
 Caliber: 7-62 NATO Status: Closed 4/12/2006 11:28:33 AM

Verify Repair **High Priority**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **HHC 1ST BN <ABN> 508TH IN** **HHC 1ST BN <ABN> 508TH IN**
 Address 1: **UNIT 31401 BOX 53** **UNIT 31401 BOX 53**
 Address 2: _____ PO Box: _____ PO Box: _____
 City: **APD** **APD**
 State: **CT** Zip Code: **09630** Country: **US** State: **CT** Zip Code: **09630** Country: **US**
 FFL: _____

Contact / Condition

Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax: _____

Email: _____

Comments: _____

Received Condition

Condition: **Fair**

Condition Notes: _____

CSR Notes: _____

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search Refresh Close

magle 4/12/2006 11:15 PM CAPS NUM INS SCFL

start 5V Ar... 3I 3V Mi... P... P... F/S... 11:15 PM

Serial Number: **C6348863**
 Model: **M24 SWS**

RE00111020

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348863.___0
FILE DATE AND TIME: 05/02/2006 08:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.118
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.127
The Average Mean Radius of the Five Target Set:	0.860
The Distance from POA to Centroid Target #1:	0.220
The Distance from Centroid Target #2 to Centroid Target #1:	0.211
The Distance from Centroid Target #3 to Centroid Target #1:	0.489
The Distance from Centroid Target #4 to Centroid Target #1:	0.301
The Distance from Centroid Target #5 to Centroid Target #1:	0.353

BARBER - M24 0040116

SERIAL NUMBER: C6348863. __0

TARGET NUMBER: 1

FILE DATE: 05/02/2006

FILE TIME: 08:39

POINT#	X	Y
1:	1.494	-0.185
2:	0.754	1.321
3:	0.014	0.997
4:	-0.119	0.879
5:	-0.252	0.746
6:	-0.196	0.184
7:	-0.226	-0.471
8:	0.408	-0.764
9:	0.586	-0.810
10:	-0.449	-1.021

X CENTROID: 0.201

Y CENTROID: 0.088

POA TO CENTROID: 0.220

HORZ SPREAD: 1.943

VERT SPREAD: 2.342

GROUP SPREAD: 2.633

MIN RADIUS: 0.409

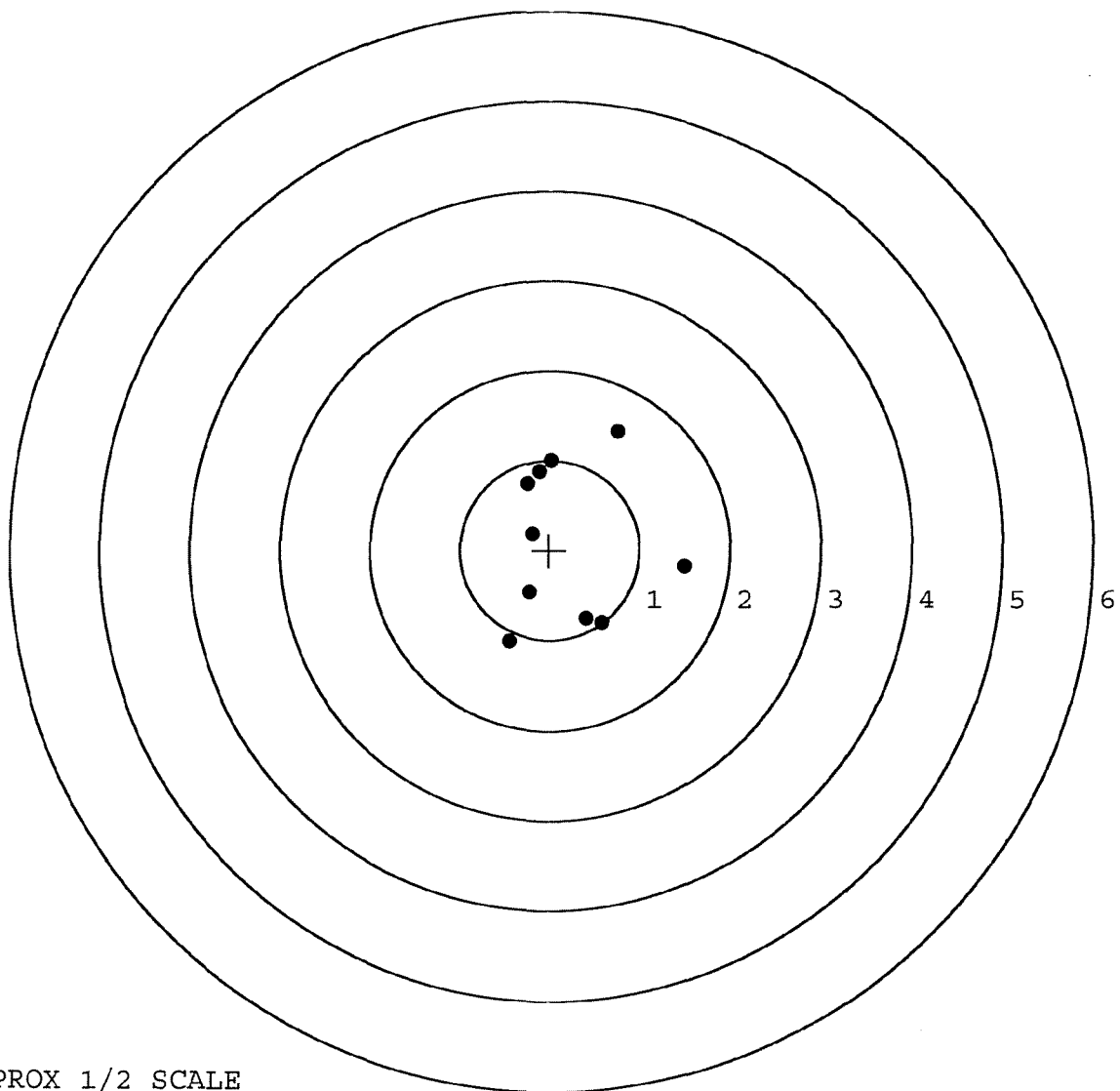
MAX RADIUS: 1.352

MEAN RADIUS: 0.950

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0040117

SERIAL NUMBER: C6348863. __0

TARGET NUMBER: 2

FILE DATE: 05/02/2006

FILE TIME: 08:39

POINT#	X	Y
1:	1.309	-0.101
2:	-0.082	-1.388
3:	-0.254	-0.613
4:	0.362	-0.361
5:	-1.269	-0.820
6:	0.008	0.176
7:	0.547	0.176
8:	0.773	0.508
9:	0.478	0.676
10:	-0.496	0.612

X CENTROID: 0.138

Y CENTROID: -0.114

POA TO CENTROID: 0.178

HORZ SPREAD: 2.578

VERT SPREAD: 2.064

GROUP SPREAD: 2.676

MIN RADIUS: 0.317

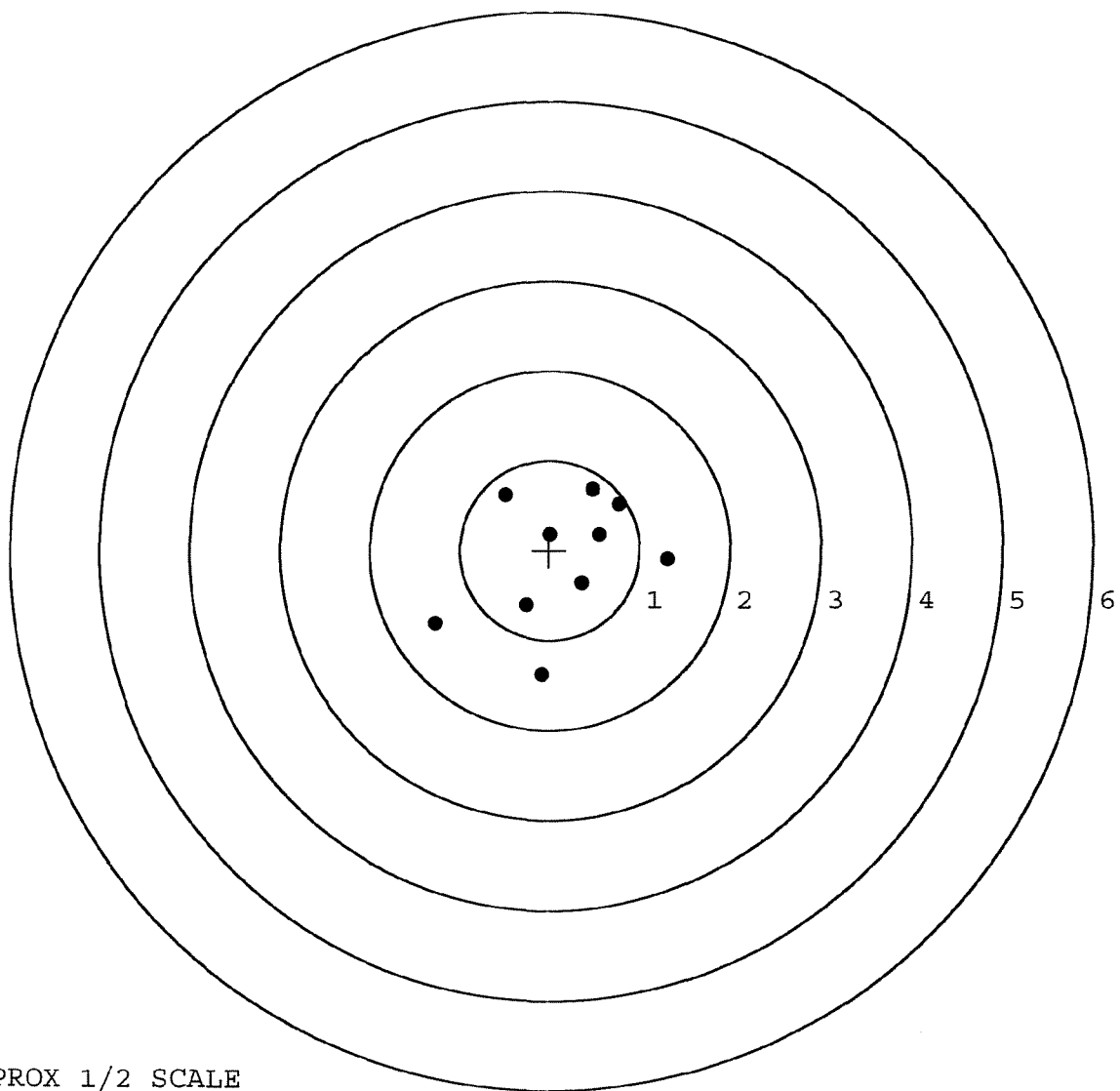
MAX RADIUS: 1.574

MEAN RADIUS: 0.854

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0040118

SERIAL NUMBER: C6348863. 0

TARGET NUMBER: 3

FILE DATE: 05/02/2006

FILE TIME: 08:39

POINT#	X	Y
1:	1.364	0.718
2:	0.898	1.138
3:	-0.117	1.186
4:	-0.269	1.528
5:	0.413	2.429
6:	-0.718	0.228
7:	-0.489	0.176
8:	0.498	-0.418
9:	0.912	-0.588
10:	-0.153	-0.637

X CENTROID: 0.234

Y CENTROID: 0.576

POA TO CENTROID: 0.622

HORZ SPREAD: 2.082

VERT SPREAD: 3.066

GROUP SPREAD: 3.118

MIN RADIUS: 0.704

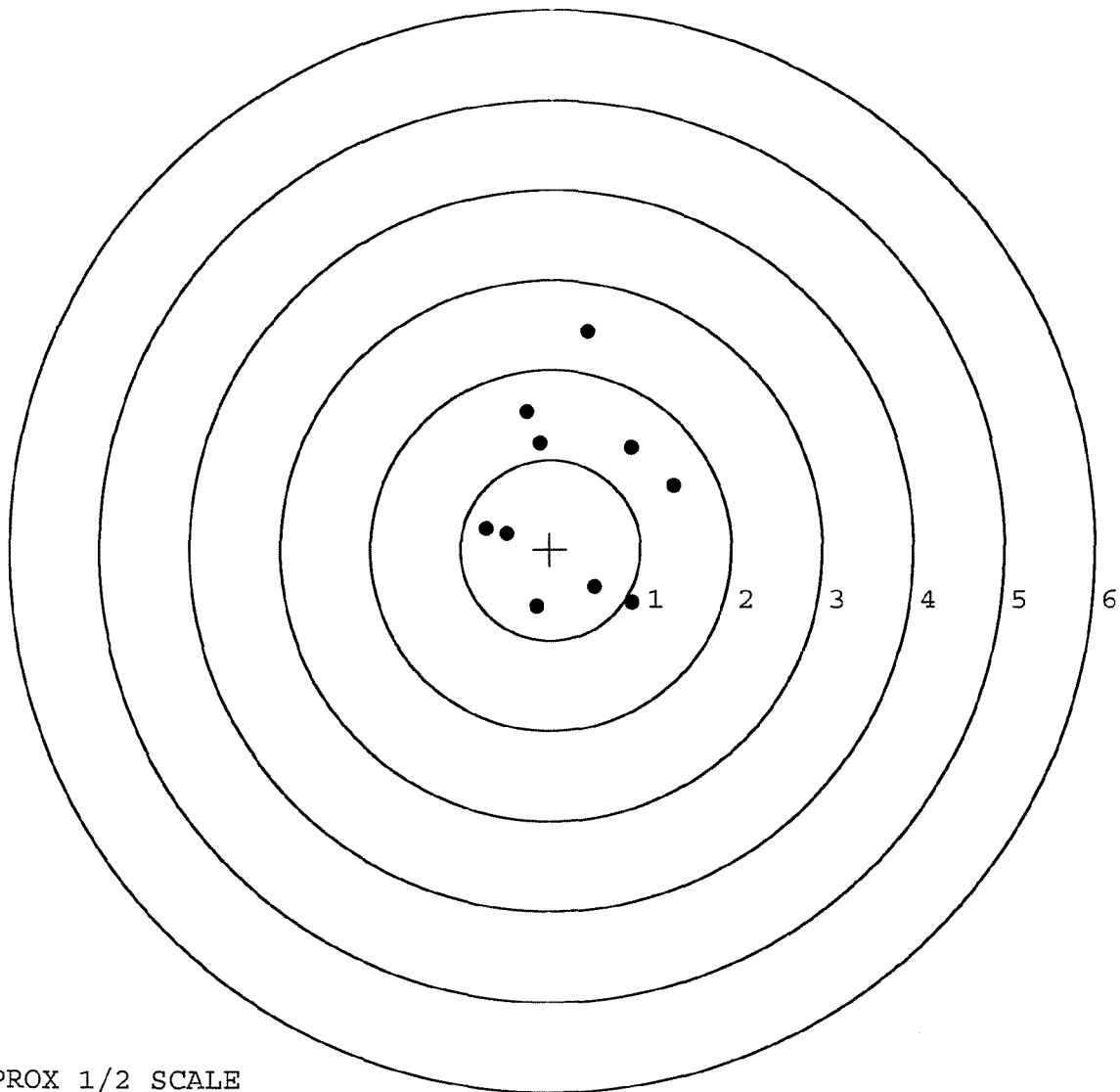
MAX RADIUS: 1.862

MEAN RADIUS: 1.114

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348863. 0

TARGET NUMBER: 4

FILE DATE: 05/02/2006

FILE TIME: 08:39

POINT#	X	Y
1:	0.307	-0.812
2:	0.223	-0.283
3:	-0.159	-0.449
4:	-0.371	-0.678
5:	-0.215	-0.121
6:	-0.725	-0.235
7:	0.294	0.079
8:	0.372	0.439
9:	-0.064	0.502
10:	-0.114	0.705

X CENTROID: -0.045

Y CENTROID: -0.085

POA TO CENTROID: 0.097

HORZ SPREAD: 1.097

VERT SPREAD: 1.517

GROUP SPREAD: 1.574

MIN RADIUS: 0.174

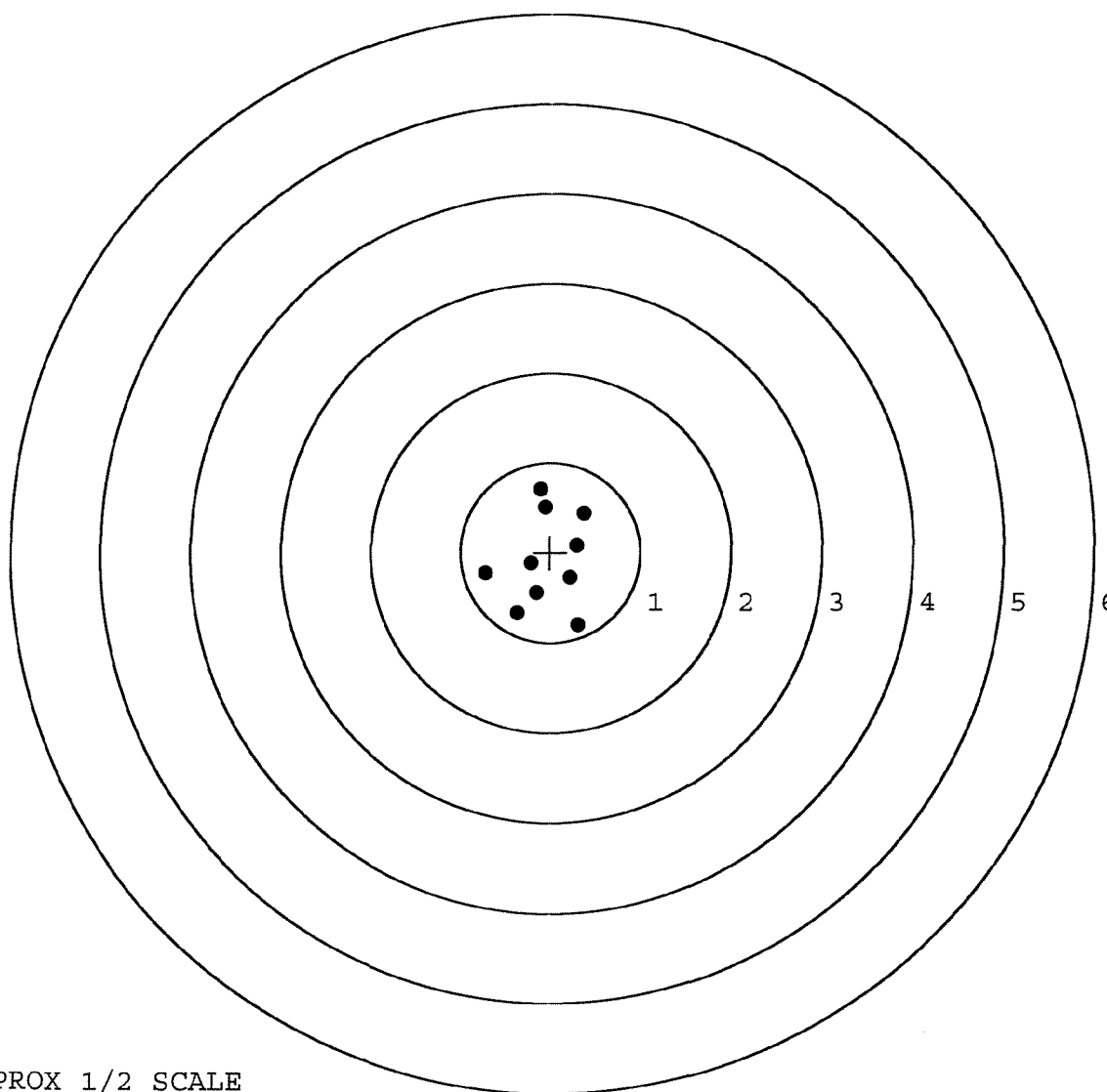
MAX RADIUS: 0.808

MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0040120

SERIAL NUMBER: C6348863.____0

TARGET NUMBER: 5

FILE DATE: 05/02/2006

FILE TIME: 08:39

POINT#	X	Y
1:	-0.195	-1.852
2:	-0.274	-1.016
3:	0.444	-0.786
4:	0.248	-0.558
5:	-0.242	-0.376
6:	0.530	0.093
7:	0.980	0.520
8:	-0.032	0.333
9:	-0.461	0.073
10:	-0.357	1.197

X CENTROID: 0.064

Y CENTROID: -0.237

POA TO CENTROID: 0.246

HORZ SPREAD: 1.441

VERT SPREAD: 3.049

GROUP SPREAD: 3.053

MIN RADIUS: 0.336

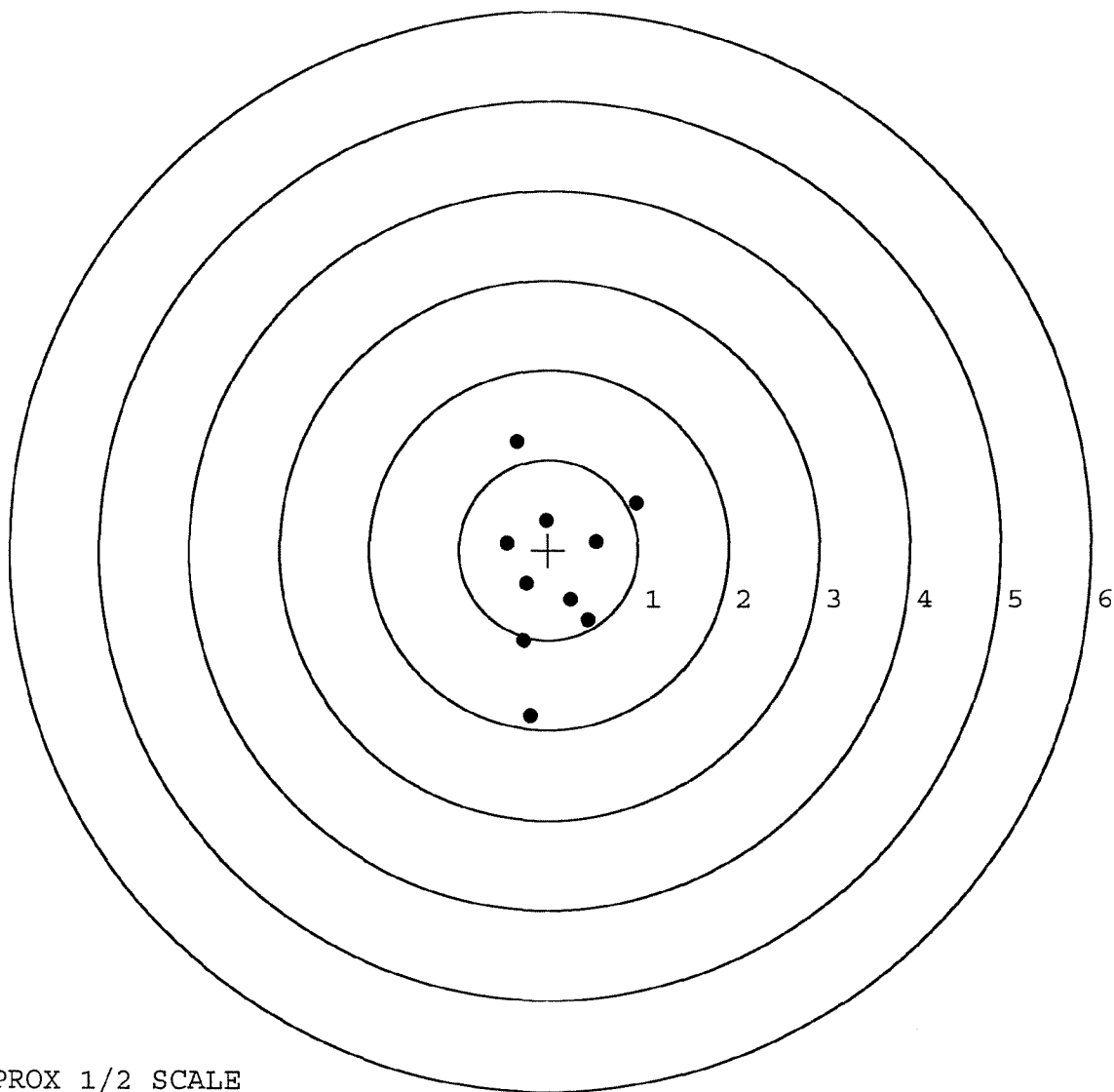
MAX RADIUS: 1.635

MEAN RADIUS: 0.830

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0040121AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 4-12-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.48	2.39		2.49	
PULL #2	2.51	2.49		2.52	
PULL #3	2.40	2.62		2.44	
PULL #4	2.51	2.63		2.49	
PULL #5	2.40	2.47		2.51	
TOTAL	12.30	12.60		12.45	
AVERAGE	2.46	2.52		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	2.98		
PULL #2	2.98	3.04		
PULL #3	3.13	3.09		
PULL #4	3.17	3.18		
PULL #5	3.13	3.13		
TOTAL	15.59	15.42		
AVERAGE	3.11	3.08		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.10	3.99		4.24
PULL #2	4.12	3.80		4.24
PULL #3	4.08	3.87		4.22
PULL #4	4.09	3.90		4.18
PULL #5	4.12	3.90		4.20
TOTAL	20.51	19.46		21.08
AVERAGE	4.10	3.89		4.21

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

R & E NUMBER	111020		
SERIAL NUMBER	06348863		
LOG-IN DATE	4-12-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-17-06	RTZ
505	RE-BARREL	4-20-06	RTZ
560	ASSEMBLE	4-20-06	RTZ
600	PROOF	4-20-06	RTZ
605	CHECK HEADSPACE	4-20-06	RTZ
610	DIS-ASSEMBLE GUN	4-20-06	RTZ
612	MAGNAFLUX	4/21/06	und
510	DRILL AND TAP	4-21-06	TRW
615	ROLLMARK CALIBER	4-21-06	CW
618	ROTO-BLAST	4-21-06	LB
620	APPLY COATINGS	4-25-06	RTZ
625	FINAL ASSEMBLY	4-27-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-2-06 TRW
650	TARGET	PASS FAIL	5-2-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-2-06	RTZ
	A) HEADSPACE	PASS FAIL	5-10-06 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	RTZ
	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	RTZ
	I) FIRING PIN INDENT	.020	RTZ
690	PACK	5-10-06	RTZ

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-16215

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 2
W/SWS METAL CASE

SWS

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
08/19/99	08/20/99	WJ 8/89	C6340863		700 7.62NAT M24

ACCESSORIES SLING STRAP W/STUDS SCOPE BASE
W/SCOPE - ADJ BUTT PLT

FROM: SHIP TO:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

CUST NO: 024242 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM DATE	ESTIMATED	VIA UPS
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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

BBL
Stock 96003
96018

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	11-22-99	11-23-99	11-23-99		

OFFICE COPY

RD6925 REV. 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0040123 0040162

U.S. GOVERNMENT BILL OF LADING		MEMO		B/L NO. > M2394109	
1. TRANSPORTATION COMPANY TENDERED TO FEDERAL EXPRESS, INC.		2. SCAC FEDX		3. DATE B/L PREPARED 990817	
5. DESTINATION (Name, address and ZIP code) XR REMINGTON ARMS CO. INC. (CMAH2W) 14 HOEFLER AVE. ILION NY 13357-1816		6. SPLC(Dest.) 178300036		8. ORIGIN (Name, address and ZIP code) 305 APS/TRTF (FB4484) 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270	
9. CONSIGNEE (Name, address and ZIP code) XR REMINGTON ARMS CO. INC. (CMAH2W) 14 HOEFLER AVE. ILION NY 13357-1816		7. SPLC(Orig.) 197234240		11. SHIPPER (Name, address and ZIP code) 305 APS/TRTF (FB4484) 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270	
12. APPROPRIATION CHARGEABLE F8U793L		13. BILL CHARGES TO (Dept./agency,bureau/office mailing addr.& ZIP) DEFENSE FINANCE AND ACCOUNTING TRANSPORTATION OPERATIONS INDIANAPOLIS IN 46249-0000			
14. VIA (Route shipment when advantageous to the Government) FEDX		AGENCY LOC CODE			
15. MARKS AND ANNOTATIONS (if extra services are ordered, see Administrative Directions No. 2 on reverse) PRI: 1 DDD: 990820 DOD CONSTANT SURVEILLANCE SERVICE REQUIRED					

16. PACKAGES		17. HM		18. DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible otherwise use a clear nontechnical description)		19. WEIGHT (Pounds only)		FOR USE OF BILLING CARRIER ONLY		
NO.	KIND							Services	Rate	Charges
2	PC	X		CLASSIFICATION ITEM NO. NMFC999912	RELEASE VALUE RATE: \$ 1.75		104			.
				TCN: FB56829209X004XXX	CUBE: 16					.
				F:						.
				BL:V28						.
								TOTAL CHARGES		.
20. TARIFF/SPECIAL RATE AUTHORITY FEDX 000021-00				21. PICKUP SERV. FURNISHED [X] Yes VEHICLE FULLY LOADED [] Yes		Shipper's Initials		22. CARRIER WAY/FREIGHT BILL NO. AND DATE		
23. STOP THIS SHIPMENT AT				24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS						
				INITIALS & NO.		SEAL NUMBERS		LENGTH/CUBE		MARKED CAPACITY
										DATE FURNISHED
FOR:				APPLIED BY:						990817
25. CARRIER'S PICKUP DATE (Year, month, & day) 990817				26a. SIGNATURE OF AGENT		26b. PER FEDX		B/L NUMBER M2394109		
27. MODE QQ	28. ESTIMATE 71.00	29. NO. OF CLS/TLS 1	30. TYPE RATE 1	31. PSC	32. REASON P	Received by the transportation company named above, subject to conditions named on the reverse hereof, the property hereinafter described, in apparent good order and condition (contents and value unknown), to be forwarded to destination by the said company and connecting lines, there to be delivered in like good order and condition to said consignee.				
FOR USE OF ISSUING OFFICE						CERTIFICATE OF CARRIER BILLING-CONSIGNEE MUST NOT PAY ANY CHARGES				
33a. ISSUING OFFICE (Name and complete address) 305 APS/TRTF 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270						33b. GBLOC AQFL		34a. DELIVERED ON (Year, month & day) / /		34b. AT (actual delivery point)
33c. ISSUING OFFICER ROBERT J. VIDINHA, TA FOR TMO						34c. BY (Name of delivering carrier)				
33d. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY						33e. DATED 990817		34d. DELIVERED THIS CONSIGNMENT COMPLETE & IN APPARENT GOOD ORDER EXCEPT AS MAY BE INDICATED [] SHORTAGE [] DAMAGED		
33f. FOB POINT NAMED IN CONTRACT SFK						34e. [] CARRIER OS&D REPORT ATTACHED [] DELIVERY AT DESTINATION FURNISHED [] ACCESSORIAL SERVICES CERTIFICATION ATTACHED		34f. NAME OF BILLING CARRIER		
								34g. SIGNATURE OF CARRIER'S AGENT		

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required

1103-123-06
ELECTRONICALLY GENERATED FORM

STANDARD FORM 1103-A (Rev. 4-85)
PRESCRIBED BY GSA, FPMR (41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0040124

B/L
NO. > M2394109

BARBER - M24 004012940164

NMP COPY 2

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6348863*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:		<i>8-24-99</i>	<i>RW</i>
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	<i>8-24-99</i>	<i>RW</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>10-20-99</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>10-20-99</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX	<i>10-21-99</i>	<i>RW</i>
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>11-18-99</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>11-23-99</i>	<i>RW</i>
655	FINAL INSPECT	<i>12-7-99</i>	<i>RW</i>
660	PACK		
QAR INSPECTION		SHIP DATE	



Final Inspection

Sn: C6348863

DATE REC'D: 8-19-99

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:

BARBER - M24 0040130

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348863

6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .067

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.155

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .168861

THE AMR FOR THIS RIFLE IS: 1.045

CENTROIDAL DISTANCES

Ø TO 1	.802946
1 TO 2	.923403
1 TO 3	.687623
1 TO 4	1.14616
1 TO 5	.67325

4
2
5 + <----POA
3
1

BARBER - M24 0040131

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .160

MIN RADIUS : .243

MEAN RADIUS : 1.106

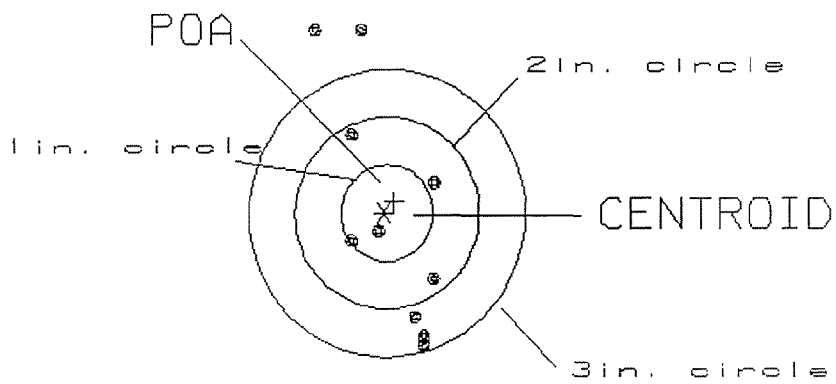
MAX RADIUS : 2.114

CENTROID X : -.108

CENTROID Y : -.117

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348863

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 1.32

1

VS= 3.38

5

GS= 3.61

8

BARBER - M24 0040132

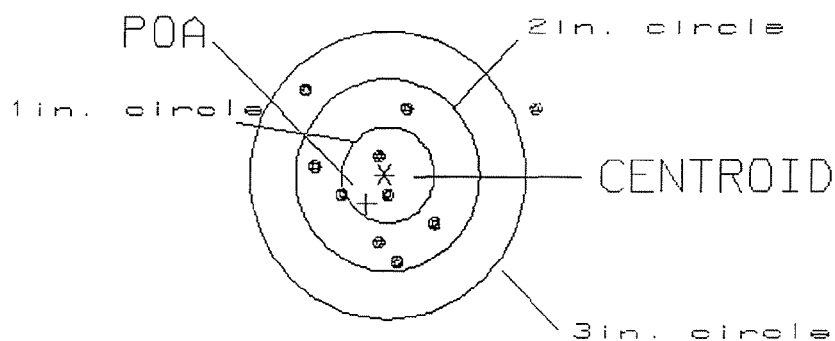
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
POA TO CENTROID: .362
MIN RADIUS : .204
MEAN RADIUS : .799
MAX RADIUS : 1.692
CENTROID X : .196
CENTROID Y : .304

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348863

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.43

2

VS= 1.84

6

GS= 2.45

9

BARBER - M24 0040133

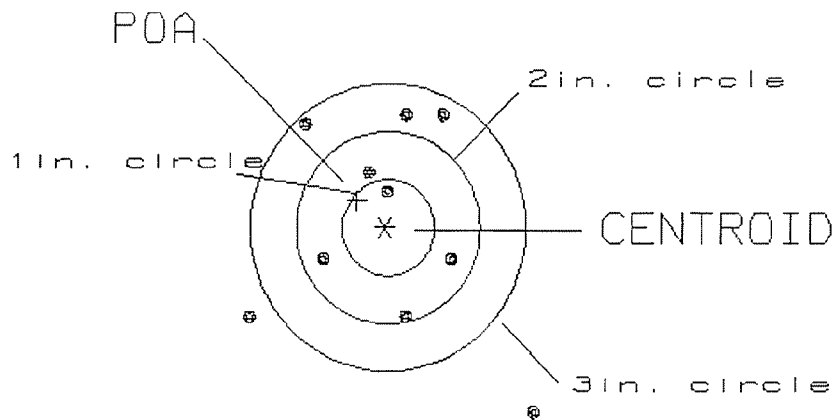
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
POA TO CENTROID: .416
MIN RADIUS : .358
MEAN RADIUS : 1.164
MAX RADIUS : 2.502
CENTROID X : .310
CENTROID Y : -.277

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348863

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.11
VS= 3.08
GS= 3.88

1
5
8

BARBER - M24 0040134

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .135

MIN RADIUS : .125

MEAN RADIUS : 1.004

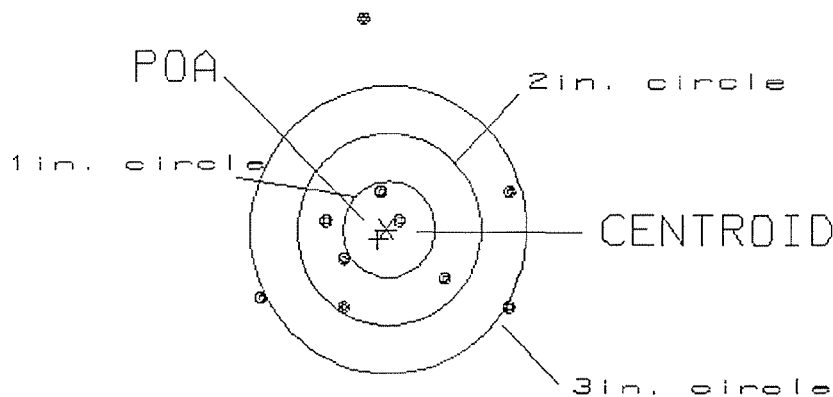
MAX RADIUS : 2.215

CENTROID X : .086

CENTROID Y : .104

23 Nov 1999

FILE:/Hplasic/Accuracy/Patterning/Centerfire_Patt/c6348863

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.71

2

VS= 2.99

6

GS= 3.37

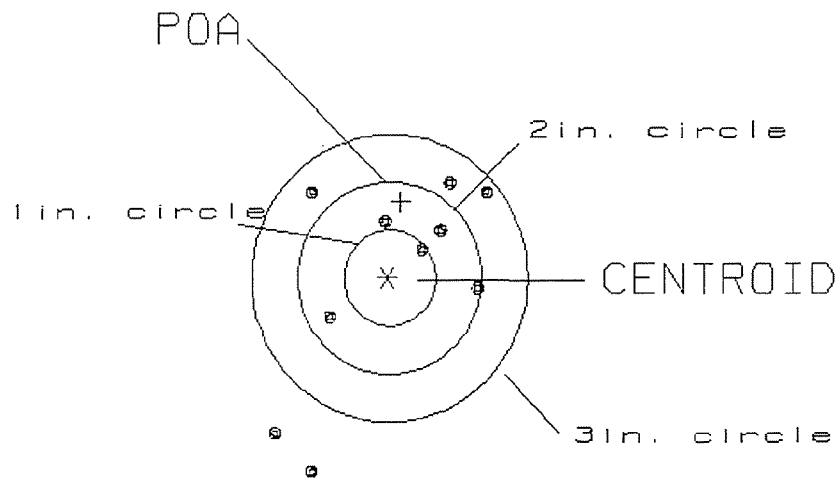
7

PATTERN #: 5
 POA TO CENTROID: .803
 MIN RADIUS : .471
 MEAN RADIUS : 1.151
 MAX RADIUS : 2.194
 CENTROID X : -.149
 CENTROID Y : -.789

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348863

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.31
 VS= 3.03
 GS= 3.48

1
 5
 8

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

MODEL 700™ H24

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

SERIAL NO.
 C6348863

ORDER NO.
 5716

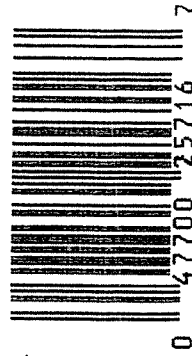
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348863

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348863

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace		89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/25/89	KER
	Magnaflux Bolt		8/25/89	KER
615	Rollmark Caliber		8/25/89	Z.S.
7	Drill and Tap Sight Holes	8 28	89	
618	Polish Barrel AB	8 28	89	
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/25/89	RW
	C) Inspect Ejector Hole for Chamfer		9/25/89	RW
	D) Oil Firing Pin Ass'y		9/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/25/89	Z.S.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/26/89	JH
	G) Safety Off Force	3	3	3			9/26/89	JH
	H) Trigger Pull Test & Retainability						25 Sep 89	JH
	I) Firing Pin Indent	.0215	.0215	.022			9/26/89	JH
	J) Assemble Stock						9/27/89	RW
	K) Assemble Swivel Studs						26/89	JH
	L) Attach Front and Rear Sight Assemblies						9/27/89	RW
	M) Iron Sight Alignment						9/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						9/27/89	RW
	O) Attach Scope to Rifle						9/27/89	JH
	P) Detach & Attach Scope 20 Times						9/27/89	JH
640	Gallery Target & Test						9-28-89	DH
	A) Time						9-28-89	DH
	B) Malfunctions						9-28-89	DH
	C) Pierced Primers						9-29-89	DH
	D) Optical Clarity of Scope						9-29-89	DH
645	Inspect for Live Ammo						9-29-89	DH
655	Final Inspection						26/89	JH
	A) Headspace						26/89	JH
	B) Trigger Pull	251	261	257	240	269	26/89	JH
	C) Function						26/89	JH
660	Pack						14 Dec 89	JH

BARBER - M24 0040139

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6348863DATE 14 MAR 90TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	279	265	274	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	262	251	274	
PULL #3	254	264	267	
PULL #4	250	262	267	
PULL #5	273	273	274	
TOTAL	1297	1315		
AVG.	2588	263		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	356	355	
PULL #2	349	357	
PULL #3	352	362	
PULL #4	350	360	
PULL #5	353	358	
TOTAL	1768	1782	
AVG.	352	3564	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	436	449		
PULL #2	437	440		
PULL #3	441	435		
PULL #4	435	448		
PULL #5	442	445		
TOTAL	2191	2207		
AVG.	4382	4414		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348863
29 Sep 1989

CENTROIDAL DISTANCES

0	TO	1	.602003
1	TO	2	.515271
1	TO	3	.388274
1	TO	4	.721156
1	TO	5	1.12096

5
+1
3
1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0842
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .169233

THE AMR FOR THIS RIFLE IS: .97

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340863

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.057

VS= 2.883

GS= 3.288

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.852

.718

.669

MINIMUM X

:

-1.205

-1.672

-1.721

MAXIMUM Y

:

1.248

1.066

.859

MINIMUM Y

:

-1.635

-1.661

-1.618

CENTROID X

:

.002

.136

.185

CENTROID Y

:

-.602

-.420

-.213

POA TO CENTROID in.

:

.602

.442

.282

MIN RADIUS

:

.139

.088

.180

MEAN RADIUS

:

.866

.686

.550

MAX RADIUS

:

2.031

1.706

1.890

HORIZONTAL SPREAD

:

2.057

1.390

1.390

VERTICAL SPREAD

:

2.883

2.727

1.477

EXTREME SPREAD

:

3.288

2.799

1.584

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

8

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340883

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.865

VS= 2.858

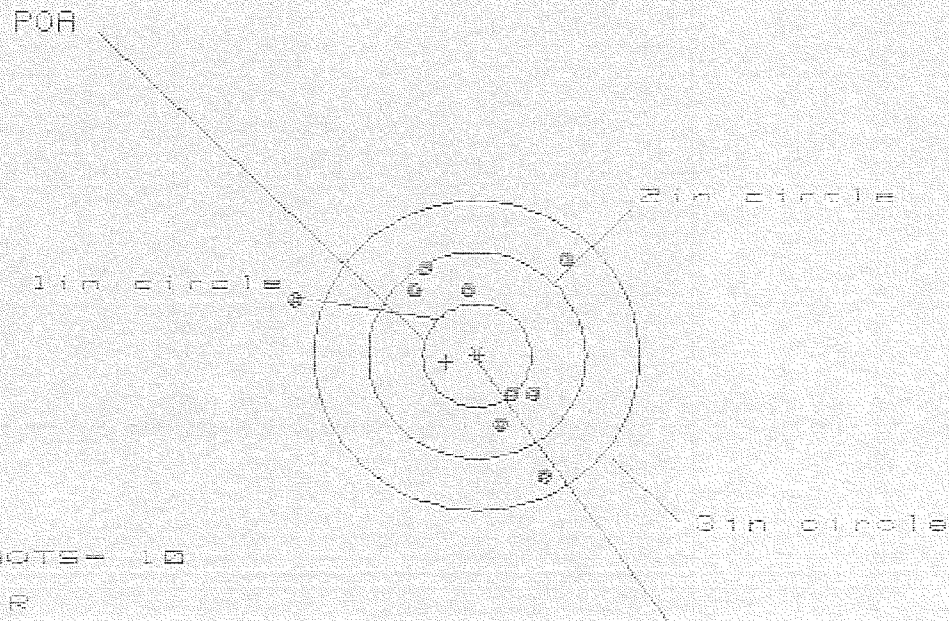
CS= 3.133

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.727	.999	.881
MINIMUM X	:	-1.138	-.946	-.938
MAXIMUM Y	:	1.392	1.379	1.522
MINIMUM Y	:	-1.466	-1.479	-1.336
CENTROID X	:	.350	.158	.276
CENTROID Y	:	-.222	-.209	-.352
POA TO CENTROID in.	:	.414	.262	.447
MIN RADIUS	:	.399	.587	.452
MEAN RADIUS	:	1.083	1.017	.917
MAX RADIUS	:	1.731	1.514	1.530
HORIZONTAL SPREAD	:	2.865	1.945	1.819
VERTICAL SPREAD	:	2.858	2.853	2.858
EXTREME SPREAD	:	3.133	2.920	2.920
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			7	

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE PATT-08948863

CENTERFIRE PATTERNS



OF SHOTS = 10

IN AIR

The diagram illustrates the experimental setup. A participant is seated at a table, looking at a video screen. A camera is positioned above the screen. A target is placed on the table. A ruler is placed on the table. A scale bar is shown below the ruler.

E **U** **S** **A**

113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

Figure 1: Schematic representation of the experimental design. The diagram shows a sequence of steps: 1. Pre-test (N=10) leading to 2. Main test (N=10) and 3. Post-test (N=10). The main test is divided into two groups: 4. Control group (N=5) and 5. Experimental group (N=5). The experimental group is further divided into 6. Pre-test (N=5) and 7. Post-test (N=5). The diagram also shows a flow from 1 to 2, 2 to 3, 2 to 4, 4 to 5, 5 to 6, and 6 to 7.

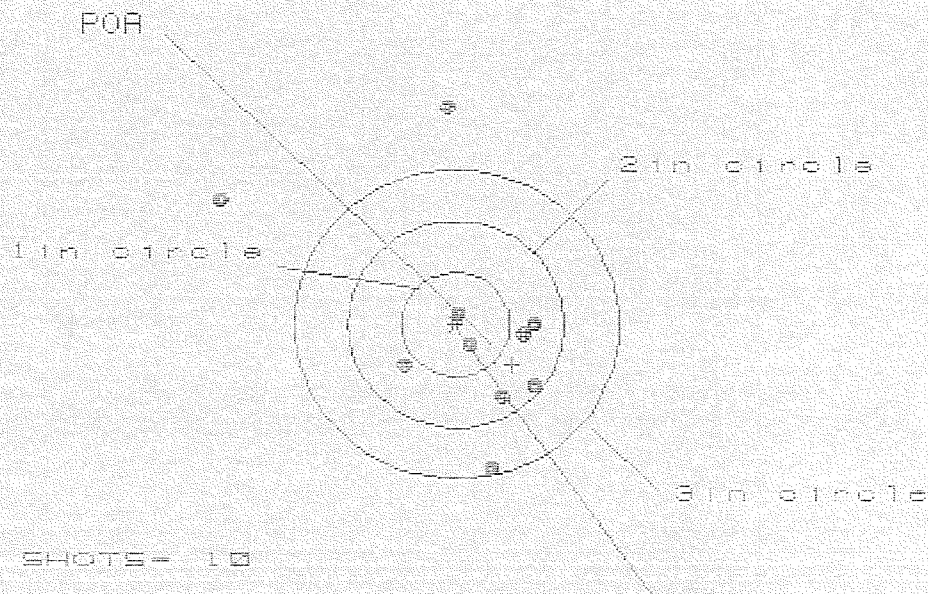
[illegible]

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.770	.578	.626
MINIMUM X	:	-1.728	-1.793	-1.744
MAXIMUM Y	:	.968	1.032	.896
MINIMUM Y	:	-1.197	-1.133	-1.215
CENTROID X	:	.281	.473	.424
CENTROID Y	:	.063	-.001	.141
PQR TO CENTROID in.	:	.288	.473	.447
MIN RADIUS	:	.493	.341	.491
MEAN RADIUS	:	.990	.864	.831
MAX RADIUS	:	1.821	1.198	1.288
HORIZONTAL SPREAD	:	2.498	1.371	1.371
VERTICAL SPREAD	:	2.165	2.155	2.105
EXTREME SPREAD	:	2.909	2.302	2.245
NUMBER IN ONE INCH CIRCLE	=		1	1
NUMBER IN TWO INCH CIRCLE	=		6	5
NUMBER IN THREE INCH CIRCLE	=		9	8

29 Sep 1989

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CENTERFIRE PATTERNS # 3



LIST OF NOTES

IN CIE



Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: 'Stimulus presentation' (with 'Stimulus duration' indicated), 'Response', 'Response time', 'Response accuracy', and 'Response time' again. A 'Response time' box is also shown below the 'Response' box.

[illegible]

Figure 1 is a schematic representation of the experimental design. It shows a sequence of steps in a box labeled 'Experimental Design'. The steps are: 1. Presentation of the stimulus (a word), 2. Selection of the response (a button), 3. Feedback (a light), 4. Inter-trial interval (a blank screen), 5. Selection of the response (a button), 6. Feedback (a light), 7. Inter-trial interval (a blank screen). The steps are connected by arrows indicating a sequential flow.

1. ☐ **Author** 2. ☐ **Editor** 3. ☐ **Reviewer** 4. ☐ **Editorial Board**

CENTROIT

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.746	1.501	1.455
MINIMUM X	:	-2.212	-1.689	-1.735
MAXIMUM Y	:	2.110	2.250	1.506
MINIMUM Y	:	-1.420	-1.280	-1.999
CENTROID X	:	-1.520	-1.275	-1.229
CENTROID Y	:	1.390	1.250	1.031
POA TO CENTROID in.	:	1.650	1.372	1.231
MIN RADIUS	:	1.087	1.185	1.276
MEAN RADIUS	:	1.009	1.769	1.557
MAX RADIUS	:	2.543	2.279	1.999
HORIZONTAL SPREAD	:	2.958	1.190	1.190
VERTICAL SPREAD	:	3.530	3.530	1.585
EXTREME SPREAD	:	3.650	3.551	1.532
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	