

6587607

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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: RE00131866

Serial: C6587607 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Status: Closed 7/30/2007 9:46:59 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

Address 1: ROSE BARRACKS

ROSE BARRACKS

Address 2: SOUTH CAMP BLDG 728

PO Box:

SOUTH CAMP BLDG 728

PO Box:

City: MILSECK

MILSECK

State: DE

Zip Code: 192249

Country: US

State: DE

Zip Code: 192249

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagleij

7/31/2007

9:06 AM

CAPS

NUM

INS

SCRL

start

2 M.

6 I.

3 M.

Par...

SA...

Ar...

Re...

9:06 AM

Serial Number: **C6587607**
 Model: **M24 SWS**

RE00131866

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587607.__0
FILE DATE AND TIME: 08/22/2007 00:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.117
The Average Y Centroid of the Five Target Set:	-0.109
The Average Point of Impact of the Five Target Set:	0.160
The Average Mean Radius of the Five Target Set:	0.725
The Distance from POA to Centroid Target #1:	0.219
The Distance from Centroid Target #2 to Centroid Target #1:	0.346
The Distance from Centroid Target #3 to Centroid Target #1:	0.626
The Distance from Centroid Target #4 to Centroid Target #1:	0.383
The Distance from Centroid Target #5 to Centroid Target #1:	0.418

SERIAL NUMBER: C6587607. __ 0

TARGET NUMBER: 1

FILE DATE: 08/22/2007

FILE TIME: 00:00

POINT#	X	Y
--------	---	---

1:	-0.310	0.891
----	--------	-------

2:	0.030	0.723
----	-------	-------

3:	0.679	0.730
----	-------	-------

4:	0.073	0.233
----	-------	-------

5:	-0.217	0.326
----	--------	-------

6:	-0.228	0.064
----	--------	-------

7:	0.074	-0.253
----	-------	--------

8:	0.372	-0.245
----	-------	--------

9:	0.151	-0.590
----	-------	--------

10:	-0.163	0.267
-----	--------	-------

X CENTROID: 0.046

Y CENTROID: 0.215

POA TO CENTROID: 0.219

HORZ SPREAD: 0.989

VERT SPREAD: 1.481

GROUP SPREAD: 1.422

MIN RADIUS: 0.033

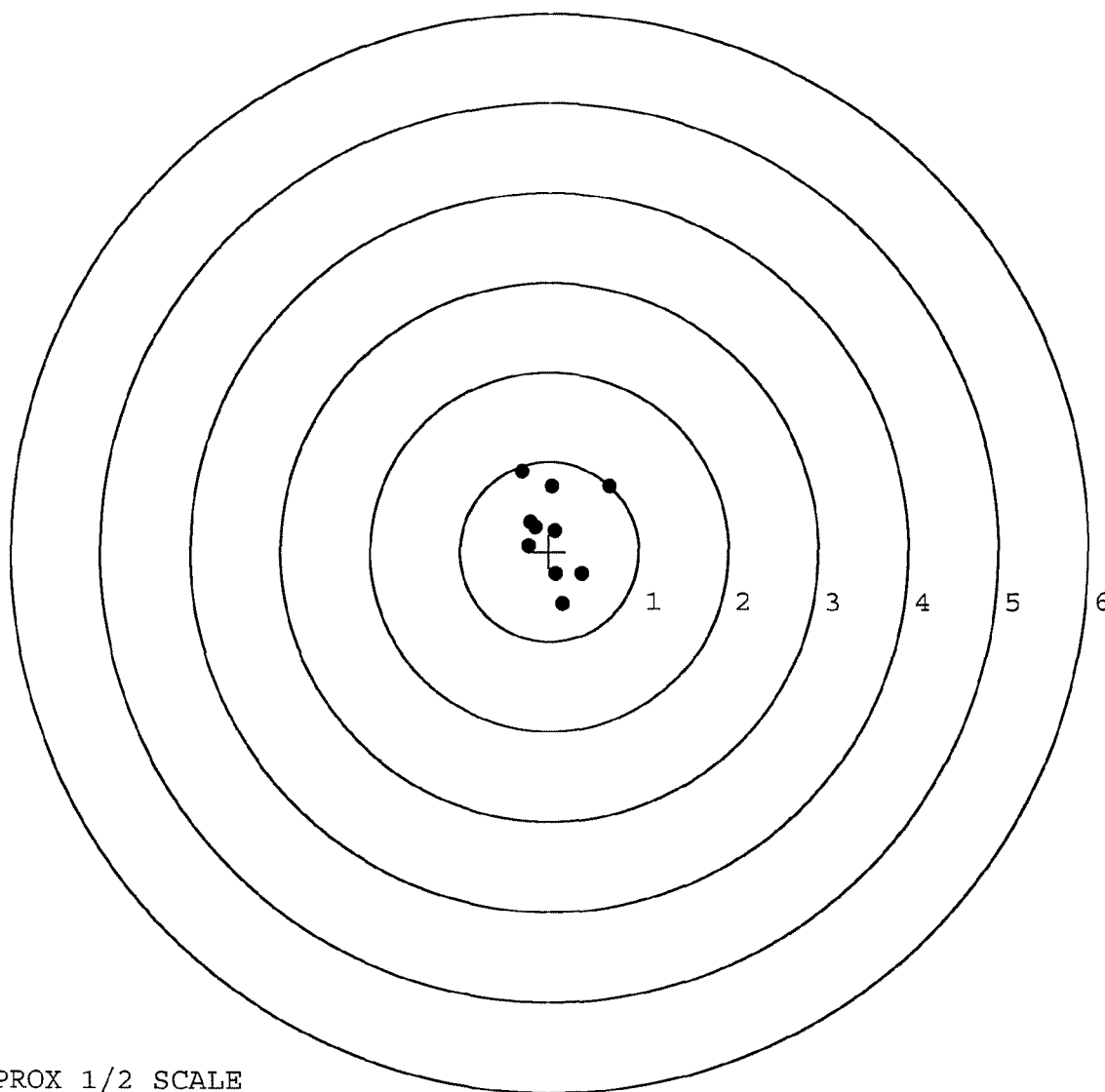
MAX RADIUS: 0.816

MEAN RADIUS: 0.478

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0

TARGET NUMBER: 2

FILE DATE: 08/22/2007

FILE TIME: 00:00

POINT#	X	Y
1:	-0.520	0.443
2:	-0.337	0.517
3:	0.496	0.518
4:	0.317	0.006
5:	0.582	-0.347
6:	0.669	-0.642
7:	-0.182	-0.158
8:	-0.195	0.033
9:	-0.620	-0.557
10:	-0.821	-0.961

X CENTROID: -0.061

Y CENTROID: -0.115

POA TO CENTROID: 0.130

HORZ SPREAD: 1.490

VERT SPREAD: 1.479

GROUP SPREAD: 1.980

MIN RADIUS: 0.128

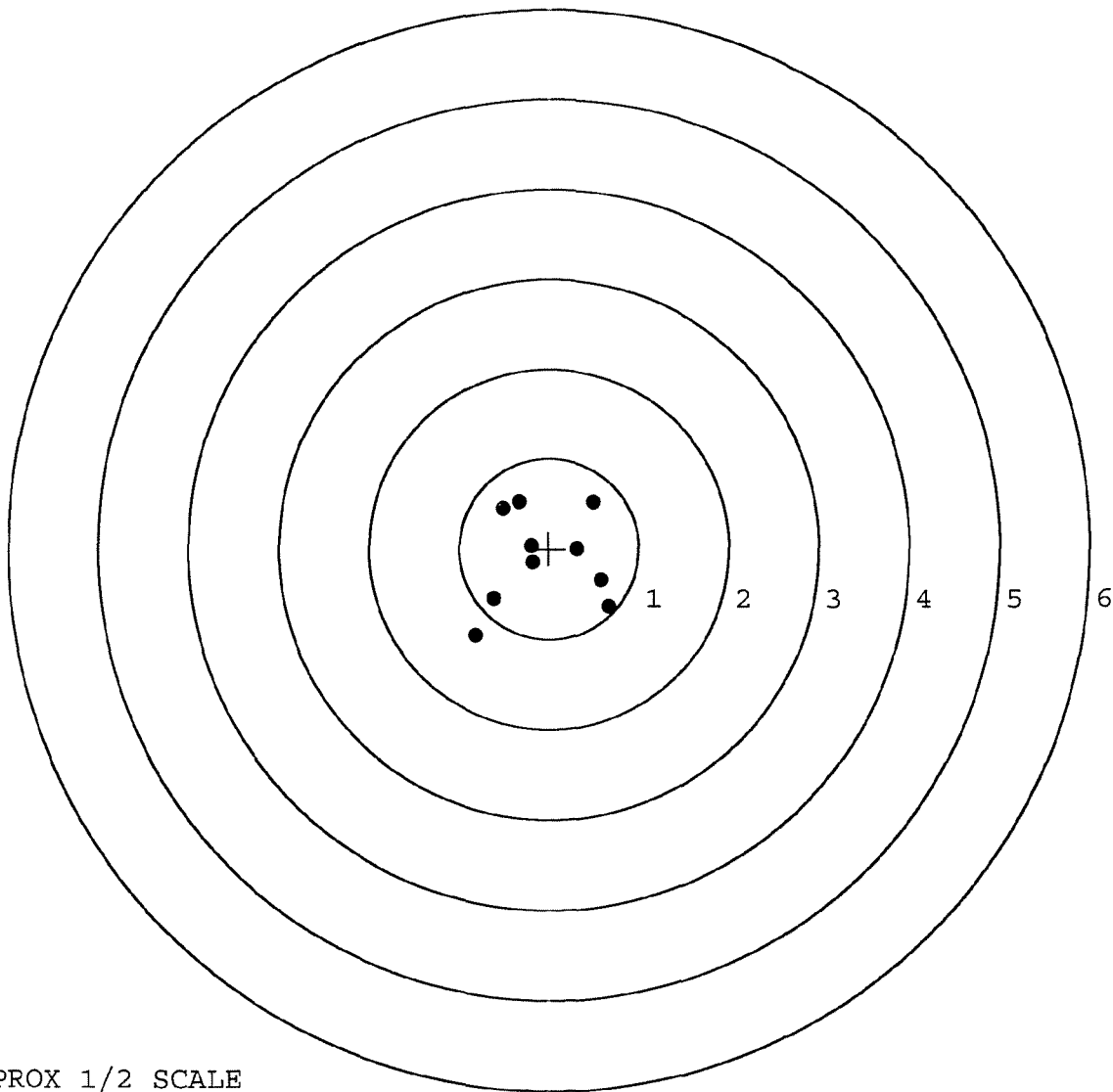
MAX RADIUS: 1.137

MEAN RADIUS: 0.641

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0

TARGET NUMBER: 3

FILE DATE: 08/22/2007

FILE TIME: 00:00

POINT#	X	Y
--------	---	---

1:	-0.087	0.308
----	--------	-------

2:	0.909	0.225
----	-------	-------

3:	0.576	0.330
----	-------	-------

4:	0.435	0.019
----	-------	-------

5:	0.139	-0.256
----	-------	--------

6:	-0.473	-0.161
----	--------	--------

7:	-0.220	-0.626
----	--------	--------

8:	-0.057	-1.001
----	--------	--------

9:	0.575	-1.216
----	-------	--------

10:	0.849	-1.345
-----	-------	--------

X CENTROID: 0.265

Y CENTROID: -0.372

POA TO CENTROID: 0.457

HORZ SPREAD: 1.382

VERT SPREAD: 1.675

GROUP SPREAD: 1.900

MIN RADIUS: 0.171

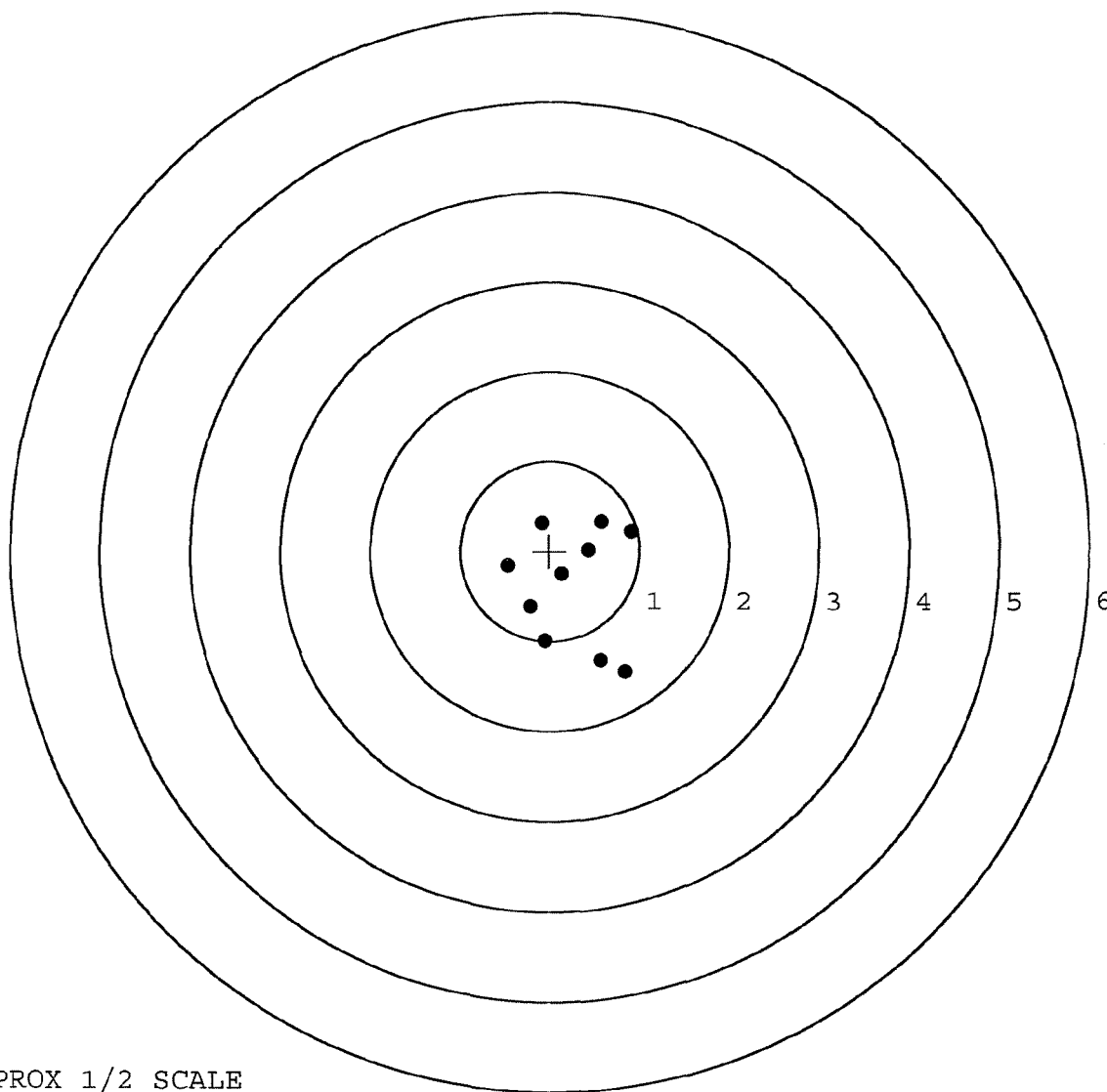
MAX RADIUS: 1.135

MEAN RADIUS: 0.706

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0

TARGET NUMBER: 4

FILE DATE: 08/22/2007

FILE TIME: 00:00

POINT#	X	Y
--------	---	---

1:	-1.104	0.794
----	--------	-------

2:	-0.860	0.786
----	--------	-------

3:	-0.386	0.085
----	--------	-------

4:	-0.594	-0.201
----	--------	--------

5:	-0.594	-1.205
----	--------	--------

6:	-0.384	-1.364
----	--------	--------

7:	0.762	0.237
----	-------	-------

8:	0.749	-0.140
----	-------	--------

9:	1.093	-1.033
----	-------	--------

10:	1.542	0.369
-----	-------	-------

X CENTROID: 0.022

Y CENTROID: -0.167

POA TO CENTROID: 0.169

HORZ SPREAD: 2.646

VERT SPREAD: 2.158

GROUP SPREAD: 2.680

MIN RADIUS: 0.480

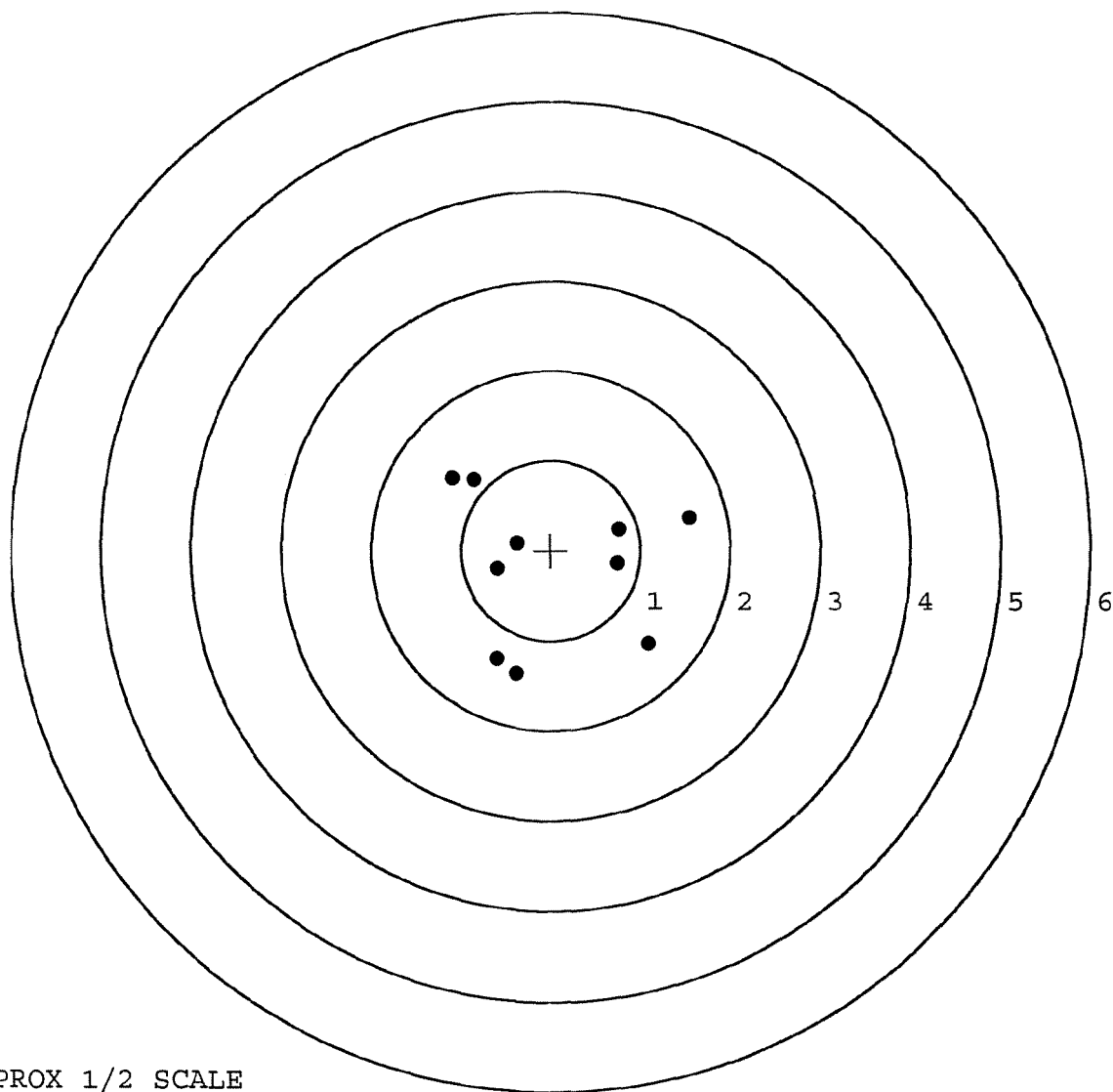
MAX RADIUS: 1.611

MEAN RADIUS: 1.091

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0

TARGET NUMBER: 5

FILE DATE: 08/22/2007

FILE TIME: 00:00

POINT#	X	Y
1:	-0.262	0.586
2:	-0.035	0.310
3:	0.270	0.379
4:	0.265	0.174
5:	0.860	0.043
6:	1.898	-0.664
7:	0.577	-1.172
8:	0.185	-0.266
9:	-0.057	-0.284
10:	-0.571	-0.172

X CENTROID: 0.313

Y CENTROID: -0.107

POA TO CENTROID: 0.331

HORZ SPREAD: 2.469

VERT SPREAD: 1.758

GROUP SPREAD: 2.518

MIN RADIUS: 0.204

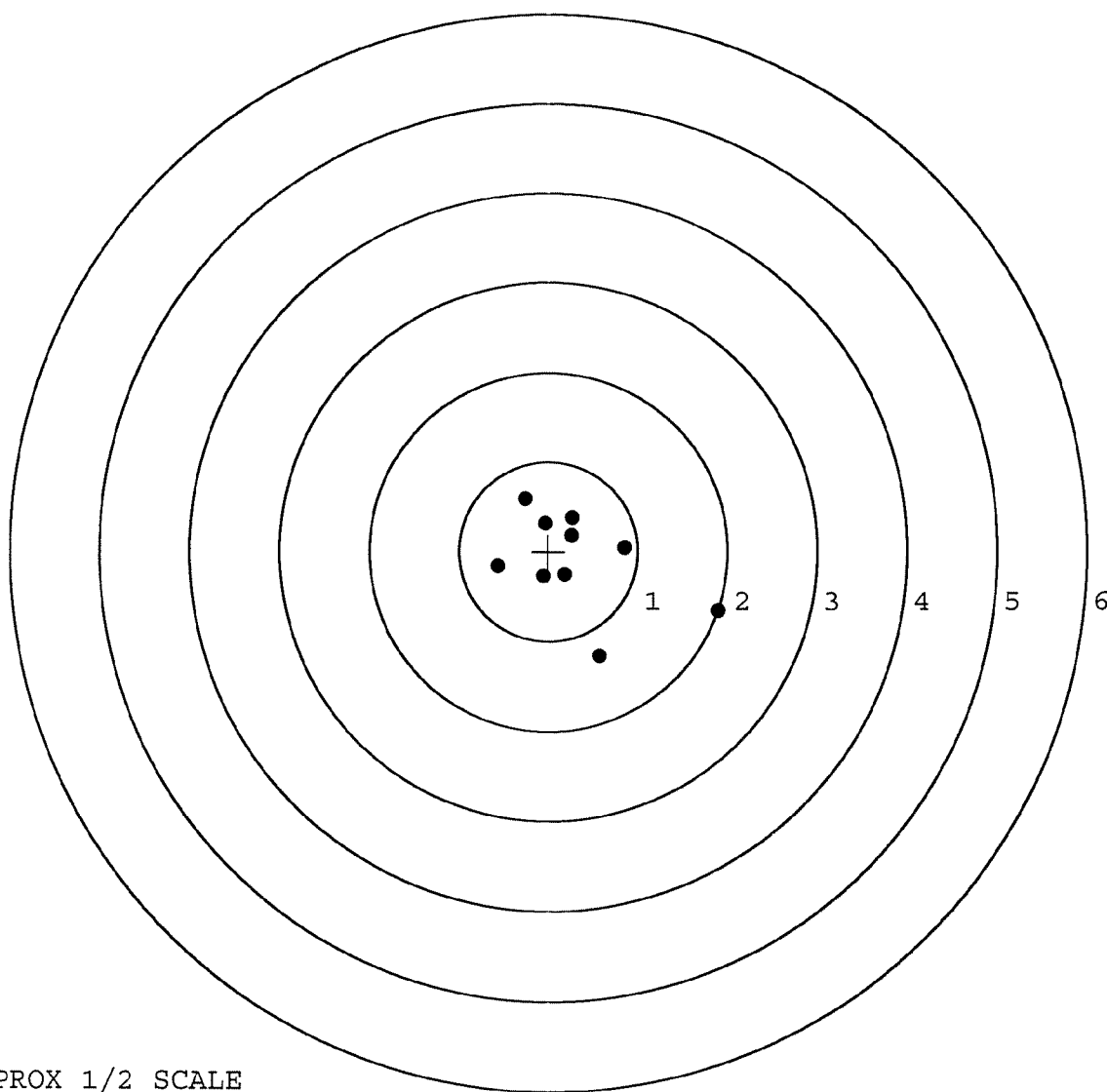
MAX RADIUS: 1.680

MEAN RADIUS: 0.706

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		131866	
SERIAL NUMBER		C6587607	
LOG-IN DATE		7-30-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-8-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	mm
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	NRD
510	DRILL AND TAP	8-10-07	TRC
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	LI
620	APPLY COATINGS	8/15/07	FB
625	FINAL ASSEMBLY	8-21-07	RTZ
640	FUNCTION TEST AND	8/21/07	mm
650	TARGET	8/21/07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-22-07	DA
	A) HEADSPACE	PASS FAIL	8-22-07 DA
	B) TRIGGER PULL	2.79 2.74 2.84 2.73 2.70	8-22-07 DA
680	F) SAFETY ON FORCE	4.0 4.0 4.0	8-22-07 DA
	G) SAFETY OFF FORCE	2.0 2.0 2.0	8-22-07 DA
	I) FIRING PIN INDENT	.021 .023 .021	8-22-07 DA
690	PACK		8-22-07 DA

start 3 4 2

Model: 700



RE00075219

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587607.___0

FILE DATE AND TIME: 01/21/2004 08:50

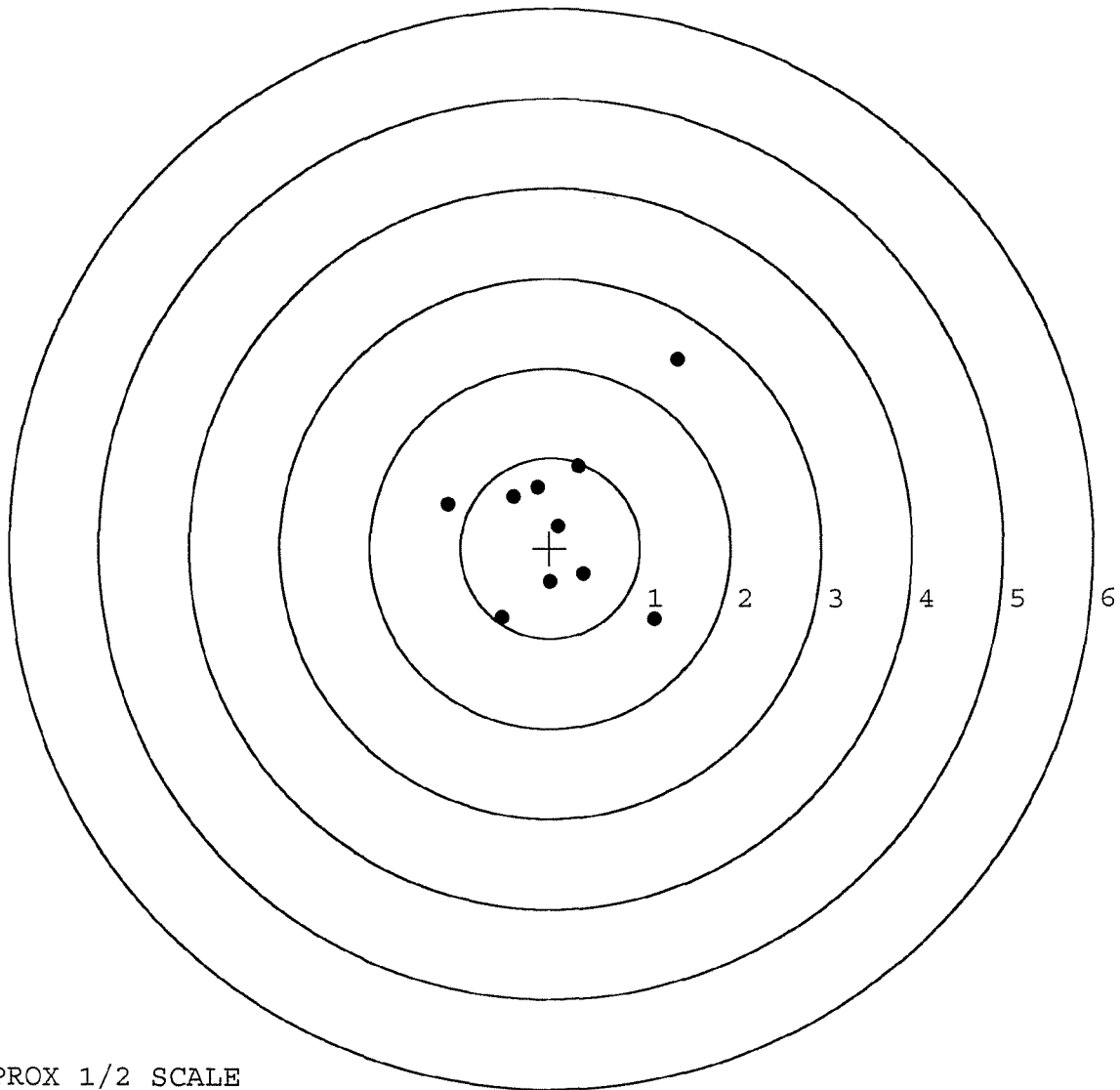
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	0.226
The Average Point of Impact of the Five Target Set:	0.228
The Average Mean Radius of the Five Target Set:	0.785
The Distance from POA to Centroid Target #1:	0.297
The Distance from Centroid Target #2 to Centroid Target #1:	0.089
The Distance from Centroid Target #3 to Centroid Target #1:	0.210
The Distance from Centroid Target #4 to Centroid Target #1:	0.293
The Distance from Centroid Target #5 to Centroid Target #1:	0.221

SERIAL NUMBER: C6587607. __0
TARGET NUMBER: 1
FILE DATE: 01/21/2004
FILE TIME: 08:50

POINT#	X	Y
1:	1.410	2.094
2:	0.319	0.907
3:	-0.143	0.677
4:	-0.407	0.569
5:	-1.136	0.484
6:	0.093	0.240
7:	0.379	-0.281
8:	-0.004	-0.377
9:	-0.534	-0.776
10:	1.159	-0.788

X CENTROID: 0.114
Y CENTROID: 0.275
POA TO CENTROID: 0.297
HORZ SPREAD: 2.546
VERT SPREAD: 2.882
GROUP SPREAD: 3.466
MIN RADIUS: 0.041
MAX RADIUS: 2.234
MEAN RADIUS: 0.928
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

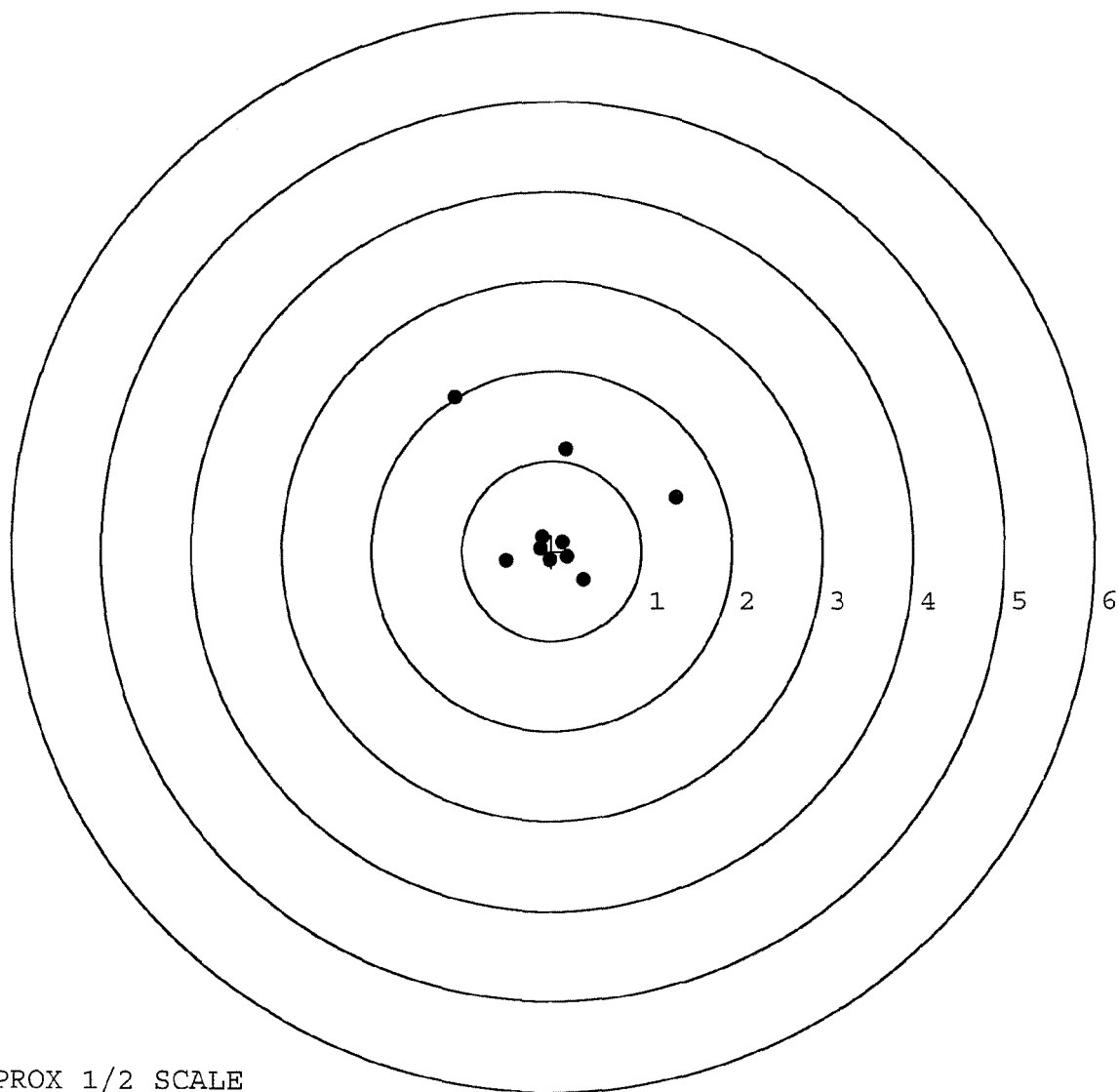


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0
TARGET NUMBER: 2
FILE DATE: 01/21/2004
FILE TIME: 08:50

POINT#	X	Y
1:	1.374	0.599
2:	0.154	1.131
3:	-1.084	1.702
4:	-0.509	-0.107
5:	0.359	-0.322
6:	-0.105	0.166
7:	0.123	0.101
8:	0.177	-0.064
9:	-0.023	-0.098
10:	-0.122	0.037

X CENTROID: 0.034
Y CENTROID: 0.315
POA TO CENTROID: 0.316
HORZ SPREAD: 2.458
VERT SPREAD: 2.024
GROUP SPREAD: 2.694
MIN RADIUS: 0.204
MAX RADIUS: 1.782
MEAN RADIUS: 0.695
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

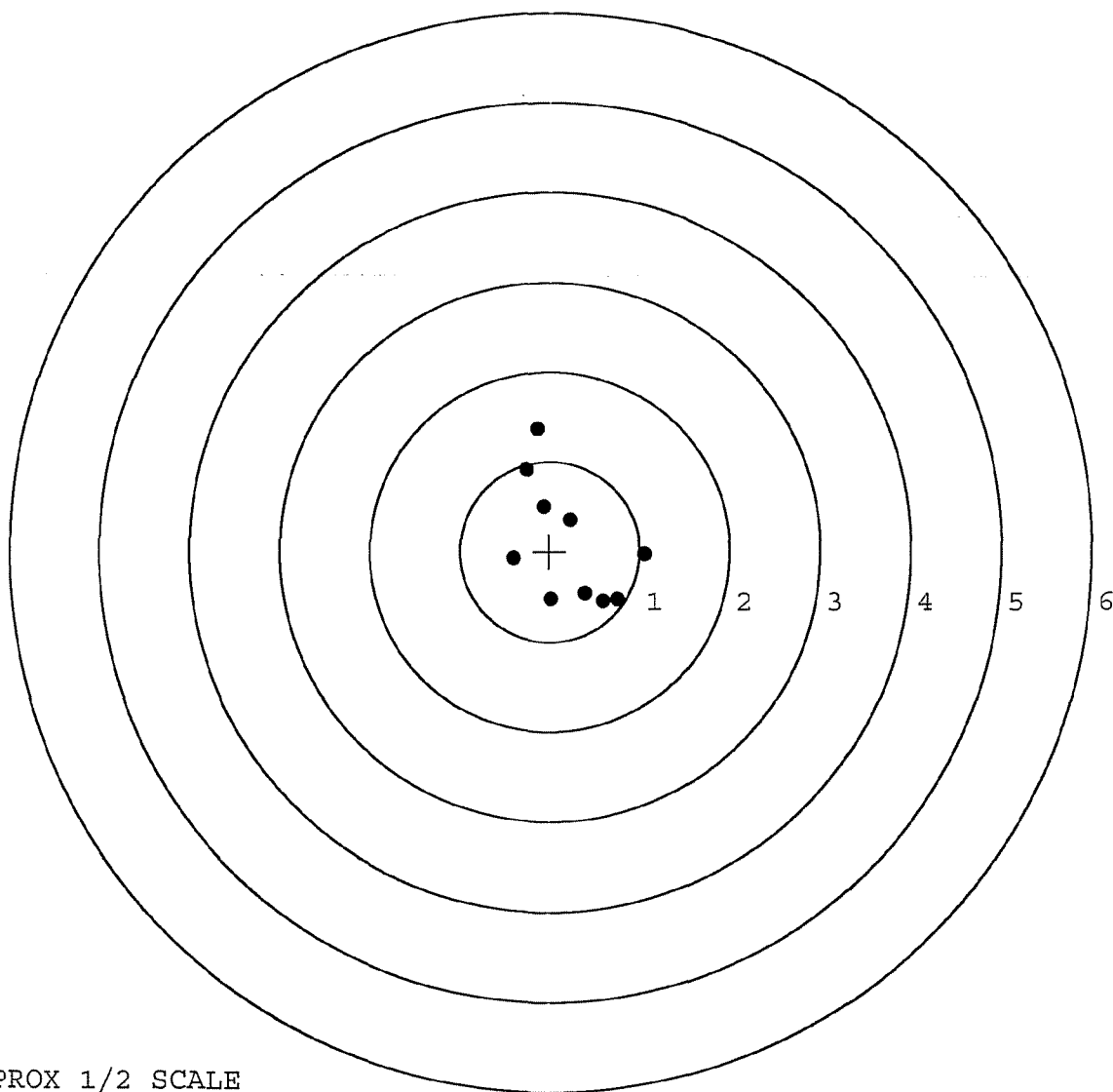


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0
TARGET NUMBER: 3
FILE DATE: 01/21/2004
FILE TIME: 08:50

POINT#	X	Y
1:	-0.140	1.363
2:	-0.264	0.913
3:	-0.070	0.498
4:	0.228	0.347
5:	-0.401	-0.085
6:	1.054	-0.039
7:	0.757	-0.527
8:	0.596	-0.552
9:	0.398	-0.465
10:	0.020	-0.528

X CENTROID: 0.218
Y CENTROID: 0.093
POA TO CENTROID: 0.237
HORZ SPREAD: 1.455
VERT SPREAD: 1.915
GROUP SPREAD: 2.092
MIN RADIUS: 0.255
MAX RADIUS: 1.320
MEAN RADIUS: 0.732
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

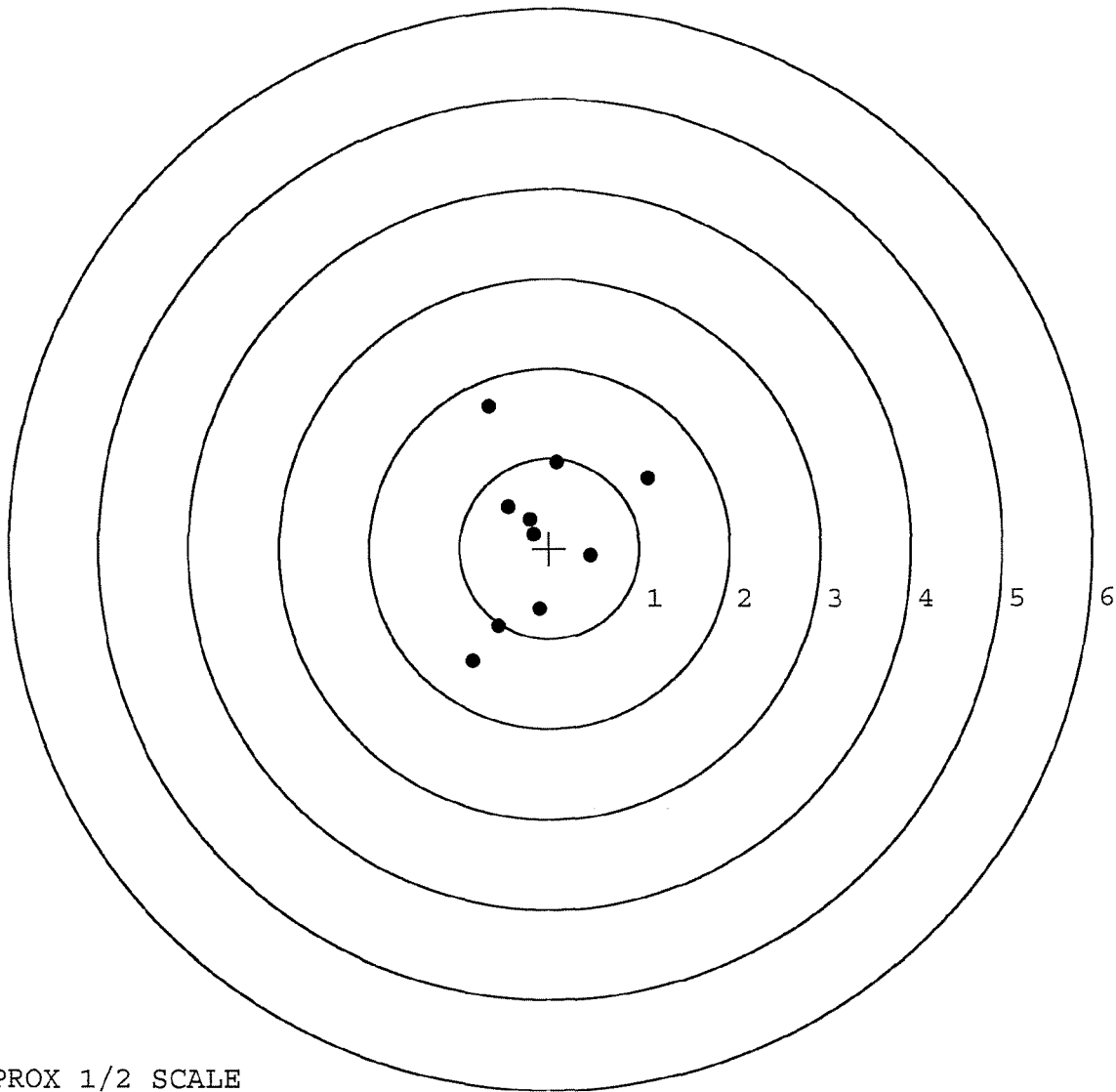


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607. __0
TARGET NUMBER: 4
FILE DATE: 01/21/2004
FILE TIME: 08:50

X CENTROID: -0.145
Y CENTROID: 0.138
POA TO CENTROID: 0.200
HORZ SPREAD: 1.942
VERT SPREAD: 2.837
GROUP SPREAD: 2.842
MIN RADIUS: 0.040
MAX RADIUS: 1.564
MEAN RADIUS: 0.859
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.685	1.579
2:	0.081	0.958
3:	1.091	0.781
4:	0.464	-0.077
5:	-0.111	-0.679
6:	-0.571	-0.866
7:	-0.851	-1.258
8:	-0.463	0.461
9:	-0.226	0.321
10:	-0.181	0.155

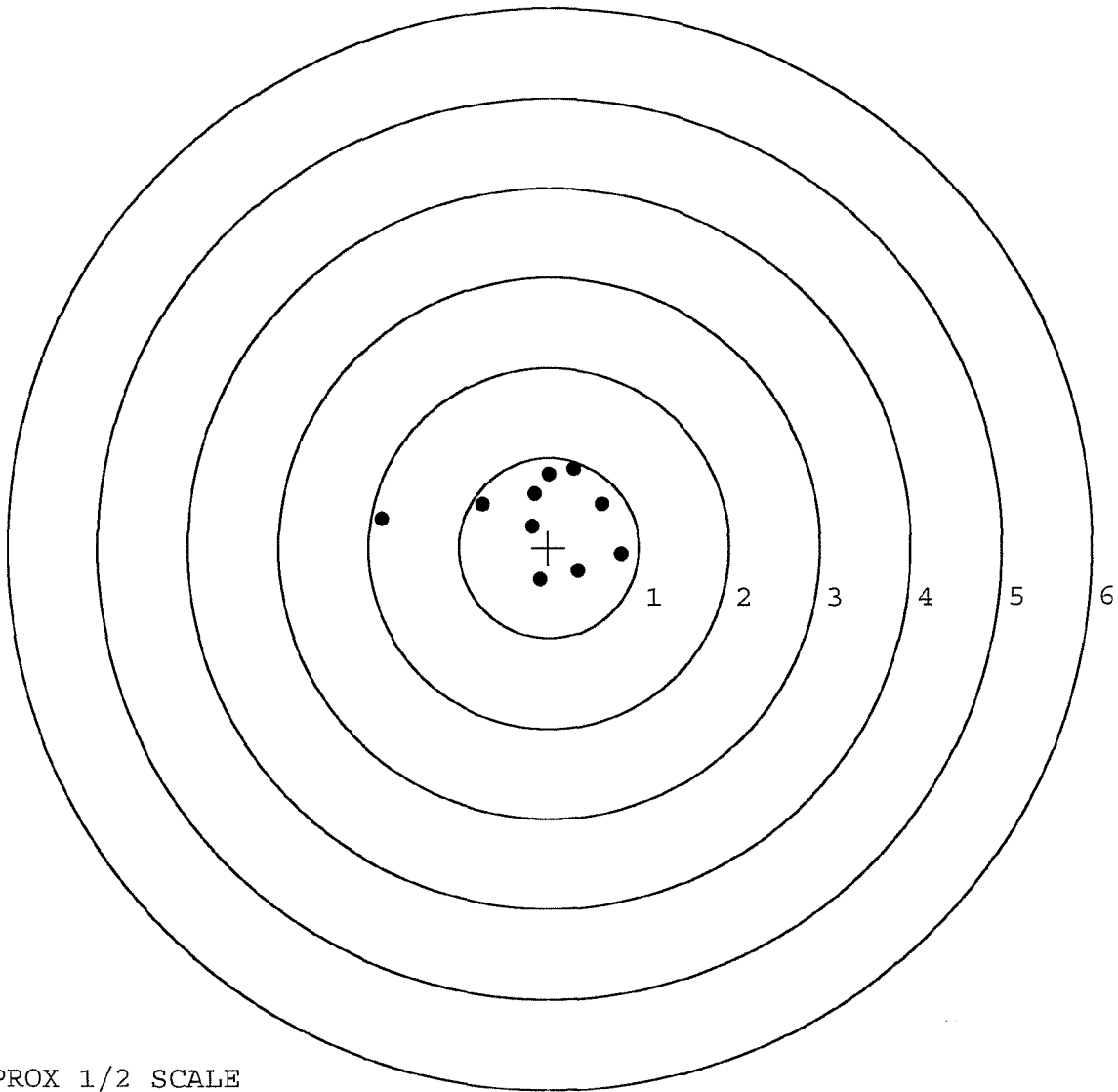


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587607.____0
TARGET NUMBER: 5
FILE DATE: 01/21/2004
FILE TIME: 08:50

POINT#	X	Y
1:	0.277	0.876
2:	-0.002	0.815
3:	-0.161	0.600
4:	-0.189	0.237
5:	-0.744	0.482
6:	0.593	0.488
7:	0.809	-0.075
8:	0.330	-0.259
9:	-0.100	-0.360
10:	-1.858	0.322

X CENTROID: -0.104
Y CENTROID: 0.313
POA TO CENTROID: 0.330
HORZ SPREAD: 2.667
VERT SPREAD: 1.236
GROUP SPREAD: 2.696
MIN RADIUS: 0.113
MAX RADIUS: 1.754
MEAN RADIUS: 0.712
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	075219		
SERIAL NUMBER	C6587607		
LOG-IN DATE	1-9-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-9-04	RW
560 A	RE-BARREL	1-12-04	RIL
B	DRILL AND TAP	1-12-04	TRW TRW
575	ASSEMBLE	1-12-04	RIL
600	PROOF	1-12-04	RIL
605	CHECK HEADSPACE	1-12-04	RIL
610	DIS-ASSEMBLE GUN	1-12-04	RIL
612	MAGNAFLUX OPERATOR: <i>RK</i>		
615	ROLLMARK CALIBER	1-13-04	AB
618	ROTO-BLAST	1/13/2004	Dans
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-19-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-21-04	AK
655	FINAL INSPECT	1-30-04	RIL
660	PACK	1-30-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SHIPPING CONTAINER TALLY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REQUISITION AND INVOICE/SHIPPING DOCUMENT										SHEET NO. 1		NO. OF SHEETS 1		3. REQUISITION DATE 14 Aug 95		6. REQUISITION NUMBER																																																									
1. FROM: (Include ZIP Code) LASON & HANGER-SILAS MASON CO., INC., NEWPORT CHEMICAL ACTIVITY, NEWPORT, IN, 47966 CONTRACT NO. DAAA09-90-Z-0002										7. DATE MATERIAL REQUIRED				8. PRIORITY																																																											
2. TO: (Include ZIP Code) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357										9. AUTHORITY OR PURPOSE DOC. NO. W53HOP-5088-0004				10. SIGNATURE <i>[Signature]</i>				11. VOUCHER NUMBER AND DATE 118-95																																																							
3. SHIP TO-MARK FOR										12. DATE SHIPPED 14 AUG 95				13. MODE OF SHIPMENT PARCEL POST				14. BILL OF LADING NUMBER																																																							
4. APPROPRIATE										5. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.																																																															
5. APPROPRIATE										OBJECT CLASS		EXPENDITURE ACCOUNT (From)		EXPENDITURE ACCOUNT (To)		CHARGEABLE ACTIVITY		BUREAU CONTROL ACTIVITY NO.		BUREAU CONTROL NO.		AMOUNT																																																			
FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIEL AND/OR SERVICES										UNIT OF ISSUE		QUANTITY REQUESTED		SUPPLY ACTION		TYPE CON-TAINER		CON-TAINER NOS.		UNIT PRICE		TOTAL COST																																																			
(a)										(b)		(c)		(d)		(e)		(f)		(g)		(h)		(i)																																																	
1 7.62 MM M24 SNIPER WEAPON SYSTEM NSN: 1005-01-240-2136 USA PROPERTY NO. 776001 USA PROPERTY NO. 776002										EA		2										5145.00		10,290.00																																																	
 <i>Mason & Hanger - Silas Mason Co., Inc.</i> NEWPORT ARMY AMMUNITION PLANT P.O. BOX 458 NEWPORT, INDIANA 47966-0458 REMINGTON ARMS CO., INC. 14 HOEFLER AVE. ILION, NY 13357																																																																									
16. RETURN RECEIPT REQUESTED										<table border="1"> <thead> <tr> <th colspan="2">SPECIAL HANDLING</th> <th colspan="2">19. CONTAINERS RECEIVED EXCEPT AS NOTED</th> <th colspan="2">DATE</th> <th colspan="2">BY</th> <th colspan="2">SHEET TOTAL</th> </tr> </thead> <tbody> <tr> <td colspan="2">TOTAL CUBE</td> <td colspan="2">11.8</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">\$10,290.00</td> </tr> <tr> <td colspan="2">QUANTITIES RECEIVED EXCEPT AS NOTED</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">GRAND TOTAL</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">\$10,290.00</td> </tr> <tr> <td colspan="2">POSTED</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">20. RECEIVER'S VOUCHER NO.</td> </tr> </tbody> </table>														SPECIAL HANDLING		19. CONTAINERS RECEIVED EXCEPT AS NOTED		DATE		BY		SHEET TOTAL		TOTAL CUBE		11.8						\$10,290.00		QUANTITIES RECEIVED EXCEPT AS NOTED								GRAND TOTAL										\$10,290.00		POSTED								20. RECEIVER'S VOUCHER NO.	
SPECIAL HANDLING		19. CONTAINERS RECEIVED EXCEPT AS NOTED		DATE		BY		SHEET TOTAL																																																																	
TOTAL CUBE		11.8						\$10,290.00																																																																	
QUANTITIES RECEIVED EXCEPT AS NOTED								GRAND TOTAL																																																																	
								\$10,290.00																																																																	
POSTED								20. RECEIVER'S VOUCHER NO.																																																																	

DD FORM 1149

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

59 434-611

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

KINZER V. REMINGTON

M2400023691

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587607

DATE 7-30-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.71	2.31		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.79	2.28		
PULL #3	2.80	2.75	2.21		
PULL #4	2.88	2.75	2.35		
PULL #5	2.81	2.38	2.47		
TOTAL	13.70	13.38	11.62		
AVG.	2.74	2.67	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.10		
PULL #2	3.43	3.20		
PULL #3	3.14	3.55		
PULL #4	3.54	3.40		
PULL #5	3.10	3.57		
TOTAL	16.57	16.92		
AVG.	3.31	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.31		4.31
PULL #2	4.26	4.34		4.03
PULL #3	4.06	4.23		4.15
PULL #4	4.37	4.42		4.22
PULL #5	4.37	4.51		4.03
TOTAL	21.32	21.81		20.74
AVG.	4.26	4.36		4.14

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4.5	5	4	8/2	SF
	G) Safety Off Force	4.5	4	5	8/2	SF
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.020	.020	.020	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	2.21	2.30	2.35	2.34	2.37 8/24/96 RW
	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			

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

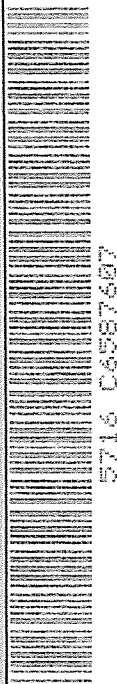
Remington® **DUPONT**®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

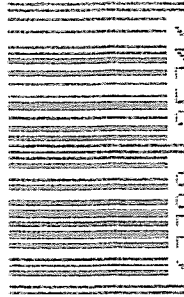
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

SERIAL NO. C6587607

ORDER NO. 5716



UPC



0 47200 25716

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587607

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10/22/90	KH
600	Proof		10/24/90	KH
607	Check Headspace		10/22/90	KH
610	Dis-assemble Gun		10/22/90	KH
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	SL
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly		11/8/90	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5/2	5/2	5/2			1/18/91	WLB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			1/18/91	WLB
	H) Trigger Pull Test & Retainability						1-18-91 1-18-91	9M
	I) Firing Pin Indent	.021 1.0225	.021 1.0225	.021 1.0225			1/18/91	WLB
	J) Assemble Stock						1/18/91	KS
	K) Assemble Swivel Studs						2-4-91	AC
	L) Attach Front and Rear Sight Assemblies						1/18/91	KS
	M) Iron Sight Alignment						1/18/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/18/91	KS
	O) Attach Scope to Rifle						1/18/91	KS
	P) Detach & Attach Scope 20 Times						1/18/91	KS
640	Gallery Target & Test						1-21-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						1-21-91	AF
655	Final Inspection							
	A) Headspace						2-4-91	AC
	B) Trigger Pull	2.37	2.11	2.15	2.15	2.17	1-22-91	9M
	C) Function						2-4-91	AC
660	Pack						3-18-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587607

DATE 1-18-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.36	2.38	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.32	2.41	2.11	
PULL #3	2.40	2.37	2.40	2.15	
PULL #4	2.46	2.42	2.38	2.15	
PULL #5	2.51	2.34	2.30	2.17	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.34		
PULL #2	3.50	3.46		
PULL #3	3.50	3.46		
PULL #4	3.32	3.47		
PULL #5	3.34	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.35		4.46
PULL #2	4.50	4.33		4.50
PULL #3	4.41	4.41		4.51
PULL #4	4.40	4.47		4.46
PULL #5	4.32	4.49		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587607
22 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.185003
1 TO	2	.0984327
1 TO	3	.0490102
1 TO	4	.178539
1 TO	5	.278297

✱ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0842
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1166
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .143824
THE AMR FOR THIS RIFLE IS: 1.053

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587687

CENTERFIRE PATTERNS # 1

POA

1in circles

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 2

3in = 5

HS = 2.833

VS = 3.382

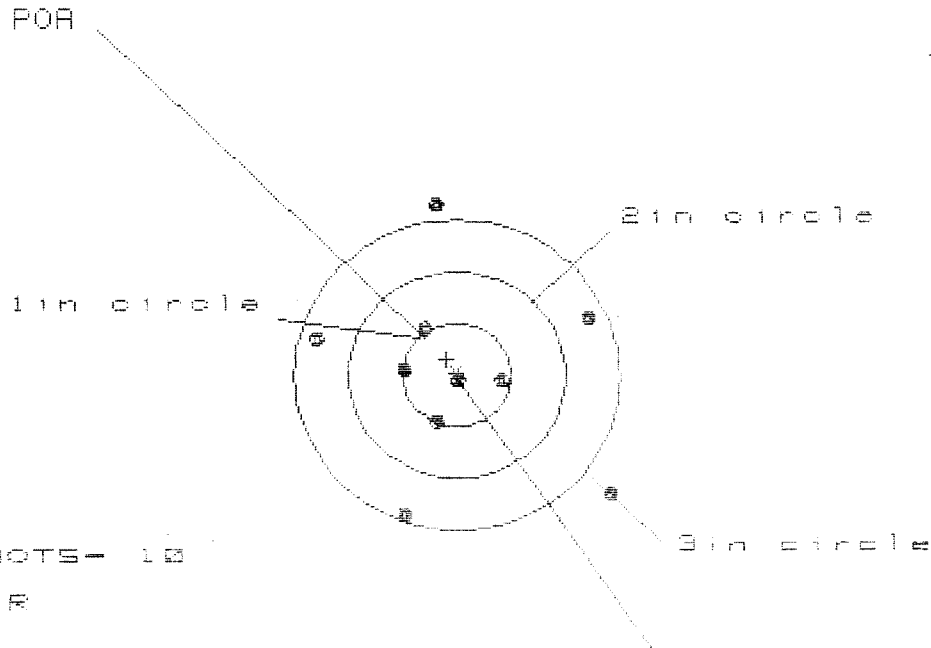
GS = 3.709

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.231	1.152	1.145
MINIMUM X	-1.702	-1.781	-1.637
MAXIMUM Y	1.633	1.438	1.591
MINIMUM Y	-1.749	-1.727	-1.574
CENTROID X	-.001	.078	-.067
CENTROID Y	-.185	.010	-.143
POA TO CENTROID in.	.185	.078	.158
MIN RADIUS	.242	.434	.299
MEAN RADIUS	1.400	1.351	1.286
MAX RADIUS	1.886	1.850	1.803
HORIZONTAL SPREAD	2.933	2.933	2.782
VERTICAL SPREAD	3.382	3.165	3.165
EXTREME SPREAD	3.709	3.207	3.207
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	5		

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587807

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 2.648

VS= 2.982

GS= 3.245

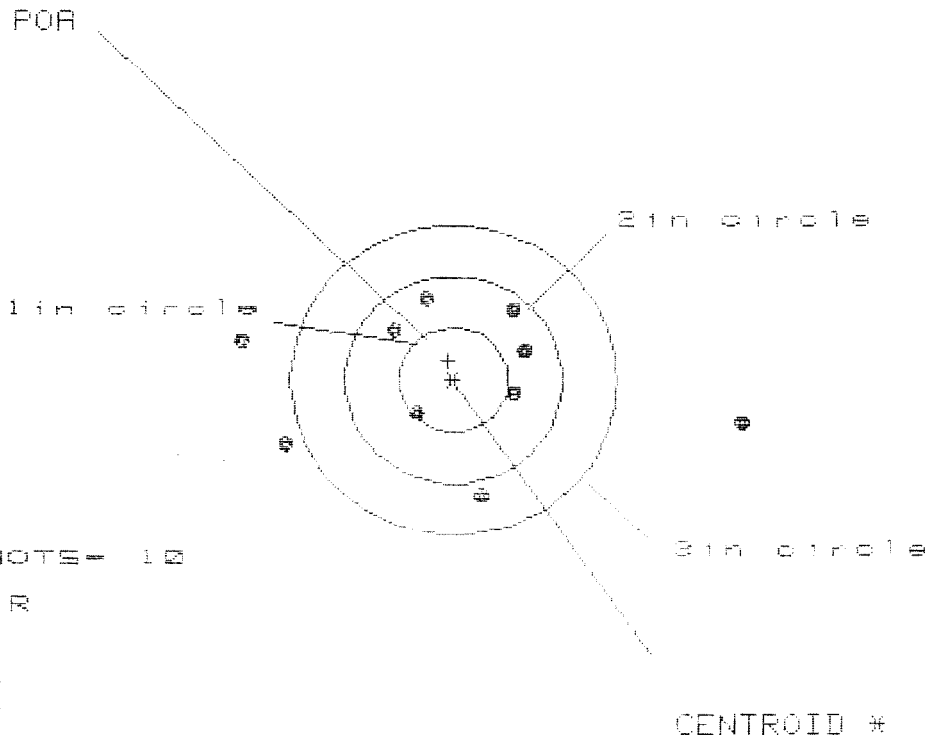
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.368	1.334	1.327
MINIMUM X	:	-1.280	-1.128	-1.135
MAXIMUM Y	:	1.659	1.528	.606
MINIMUM Y	:	-1.329	-1.460	-1.270
CENTROID X	:	.091	-.061	-.054
CENTROID Y	:	-.150	-.020	-.210
POA TO CENTROID in.	:	.176	.064	.217
MIN RADIUS	:	.090	.243	.111
MEAN RADIUS	:	.950	.847	.736
MAX RADIUS	:	1.806	1.529	1.459
HORIZONTAL SPREAD	:	2.648	2.462	2.462
VERTICAL SPREAD	:	2.988	2.988	1.875
EXTREME SPREAD	:	3.245	3.001	2.510
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Jan 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08587687

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 7

HS = 4.571

VS = 1.920

GS = 4.634

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.618	.990	.783
MINIMUM X	:	-1.953	-1.663	-1.485
MAXIMUM Y	:	.800	.756	.796
MINIMUM Y	:	-1.120	-1.164	-1.124
CENTROID X	:	.048	-.242	-.035
CENTROID Y	:	-.184	-.140	-.180
POA TO CENTROID in.	:	.191	.280	.184
MIN RADIUS	:	.458	.349	.402
MEAN RADIUS	:	1.167	.994	.881
MAX RADIUS	:	2.647	1.693	1.620
HORIZONTAL SPREAD	:	4.571	2.653	2.268
VERTICAL SPREAD	:	1.920	1.920	1.920
EXTREME SPREAD	:	4.634	2.654	2.516
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			7	

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587807

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.422

VS= 1.629

CS= 2.702

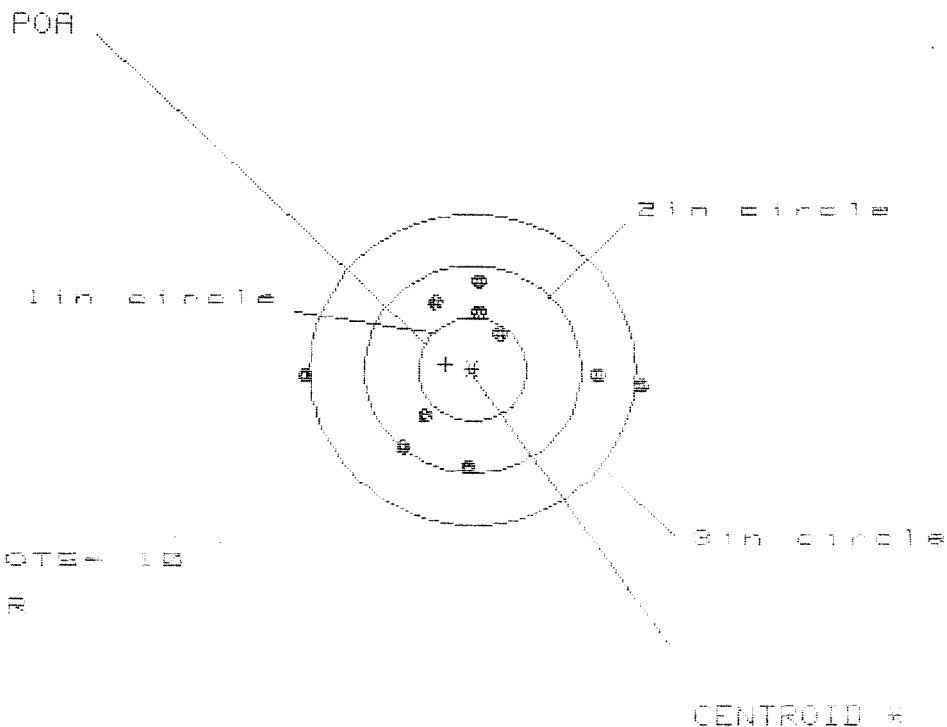
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.878	.706	.525
MINIMUM X	:	-1.544	-1.446	-.344
MAXIMUM Y	:	.922	1.022	1.002
MINIMUM Y	:	-.707	-.607	-.627
CENTROID X	:	.039	.211	.392
CENTROID Y	:	-.011	-.111	-.091
POA TO CENTROID in.	:	.041	.238	.402
MIN RADIUS	:	.203	.193	.264
MEAN RADIUS	:	.797	.632	.523
MAX RADIUS	:	1.787	1.455	1.016
HORIZONTAL SPREAD	:	2.422	2.152	.869
VERTICAL SPREAD	:	1.629	1.629	1.629
EXTREME SPREAD	:	2.702	2.152	1.633
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587687

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.122

VS= 1.790

GS= 3.124

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.602	1.351	1.183
MINIMUM X	:	-1.520	-1.342	-.672
MAXIMUM Y	:	.843	.828	.823
MINIMUM Y	:	-.947	-.962	-.967
CENTROID X	:	.244	.066	.234
CENTROID Y	:	-.053	-.038	-.033
POA TO CENTROID in.	:	.250	.076	.236
MIN RADIUS	:	.412	.525	.402
MEAN RADIUS	:	.949	.863	.792
MAX RADIUS	:	1.608	1.353	1.186
HORIZONTAL SPREAD	:	3.122	2.693	1.855
VERTICAL SPREAD	:	1.790	1.790	1.790
EXTREME SPREAD	:	3.124	2.693	1.984
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	