

C6523387

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00105767

Serial: C6523387 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status:

Closed 12/27/2005 3:18:15 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: S3 3 325 AIR

S3 3 325 AIR

Address 1: 82ND AIR ABN DIV

82ND AIR ABN DIV

Address 2: PO Box:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1
A057	Front and Rear Sgt Base	2

Repair Search

Refresh

Close

naglatj

12/28/2005

8:08 AM

CAPS

INUM

INS

SURL

start



2

4

Arms Services Repair & Estimate System



Serial Number: C6523387

Model: M24 SWS



RE00105767

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523387.__1
FILE DATE AND TIME: 01/13/2006 12:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.012
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.691
The Distance from POA to Centroid Target #1:	0.073
The Distance from Centroid Target #2 to Centroid Target #1:	0.024
The Distance from Centroid Target #3 to Centroid Target #1:	0.087
The Distance from Centroid Target #4 to Centroid Target #1:	0.300
The Distance from Centroid Target #5 to Centroid Target #1:	0.068

SERIAL NUMBER: C6523387. __1

TARGET NUMBER: 1

FILE DATE: 01/13/2006

FILE TIME: 12:48

POINT#	X	Y
1:	1.288	-0.607
2:	0.930	-0.012
3:	0.064	0.527
4:	-0.111	0.671
5:	-1.016	0.497
6:	0.027	-0.684
7:	0.062	-0.435
8:	-0.025	0.028
9:	-0.202	0.092
10:	-0.284	-0.128

X CENTROID: 0.073

Y CENTROID: -0.005

POA TO CENTROID: 0.073

HORZ SPREAD: 2.304

VERT SPREAD: 1.355

GROUP SPREAD: 2.555

MIN RADIUS: 0.104

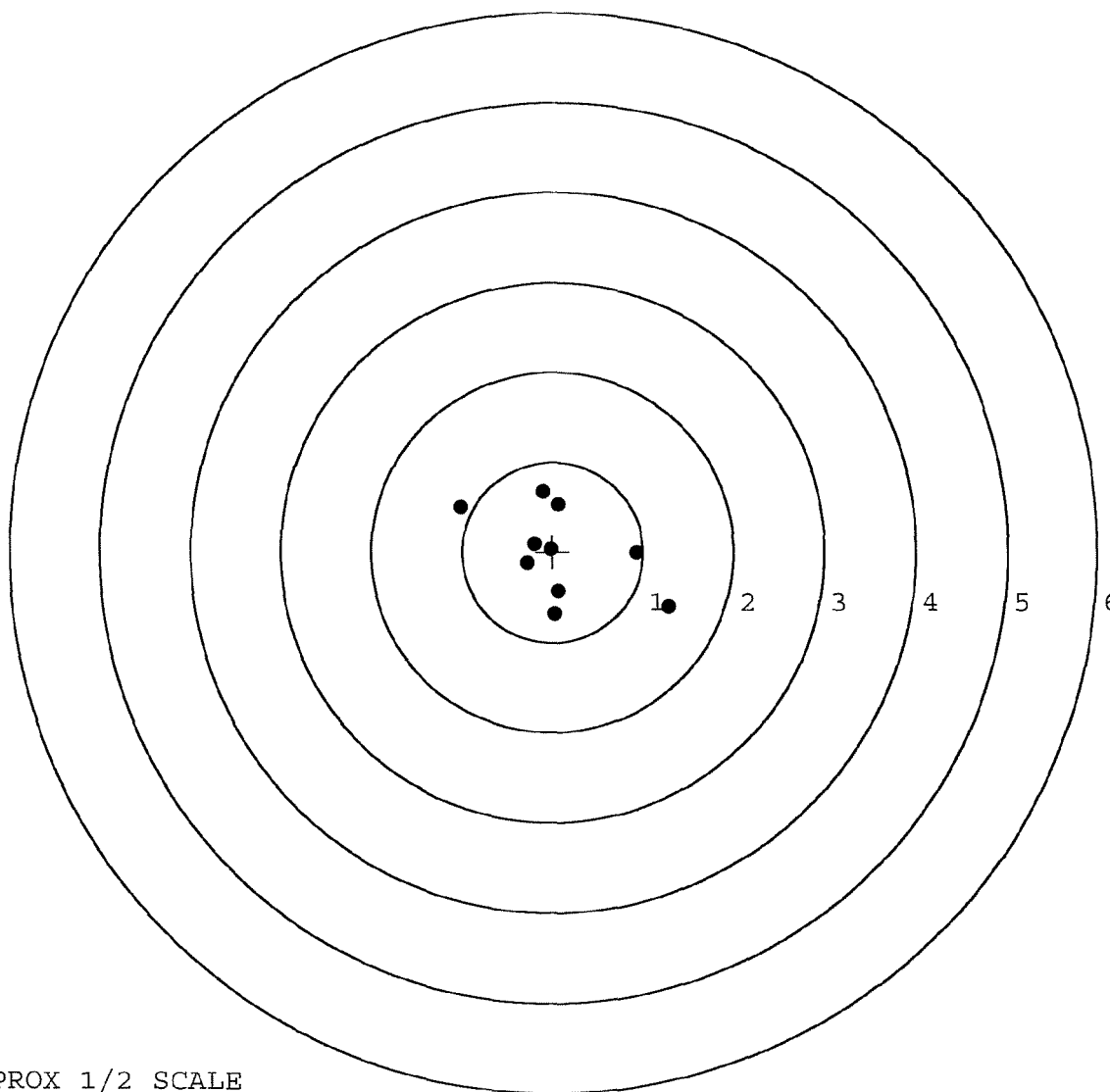
MAX RADIUS: 1.356

MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. __1

TARGET NUMBER: 2

FILE DATE: 01/13/2006

FILE TIME: 12:48

X CENTROID: 0.049

Y CENTROID: -0.003

POA TO CENTROID: 0.049

HORZ SPREAD: 2.321

VERT SPREAD: 1.489

GROUP SPREAD: 2.330

MIN RADIUS: 0.127

MAX RADIUS: 1.449

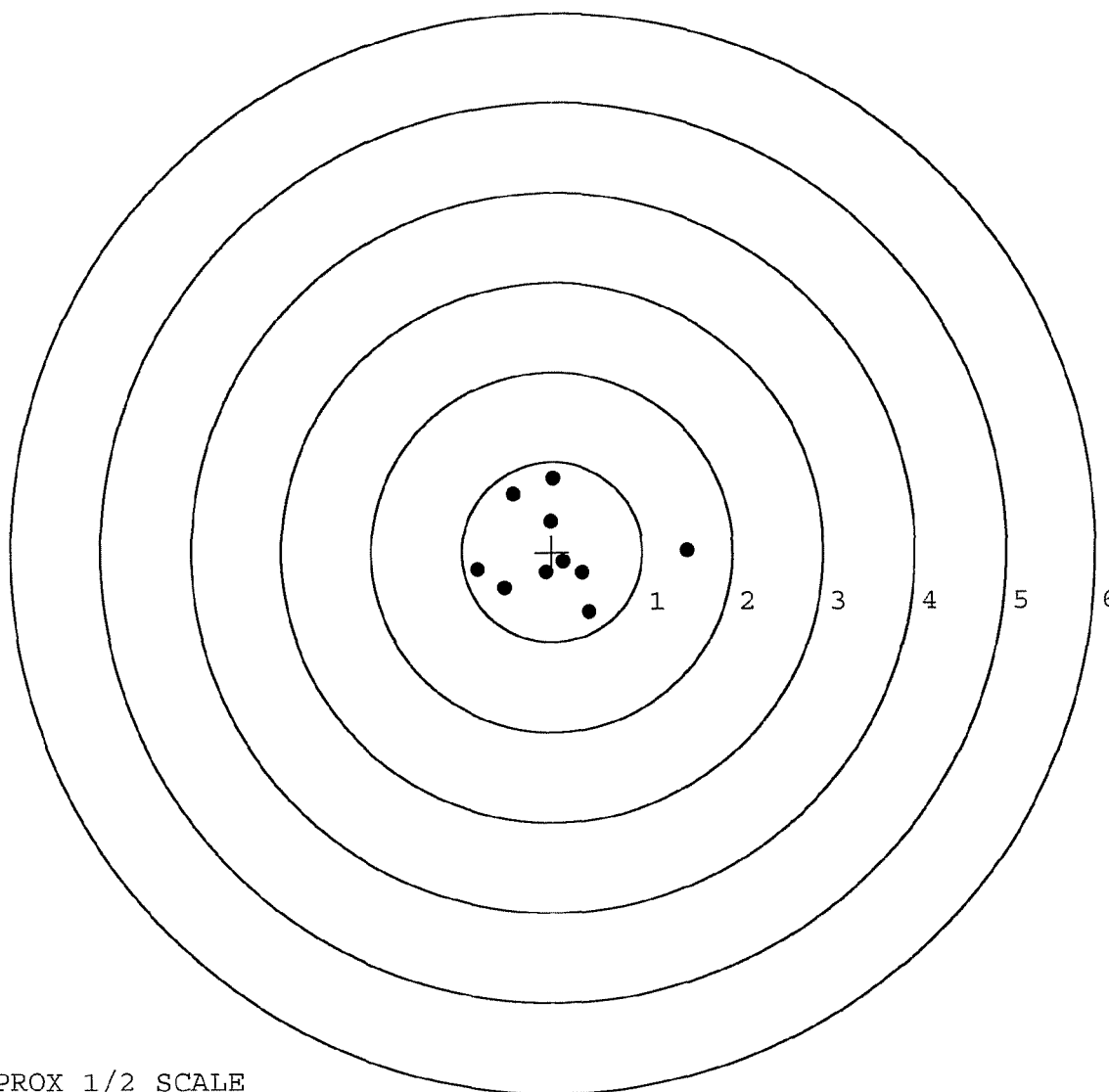
MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.411	-0.673
2:	1.498	0.015
3:	0.012	0.816
4:	-0.438	0.646
5:	-0.024	0.335
6:	-0.823	-0.195
7:	-0.528	-0.406
8:	-0.071	-0.232
9:	0.120	-0.108
10:	0.334	-0.230

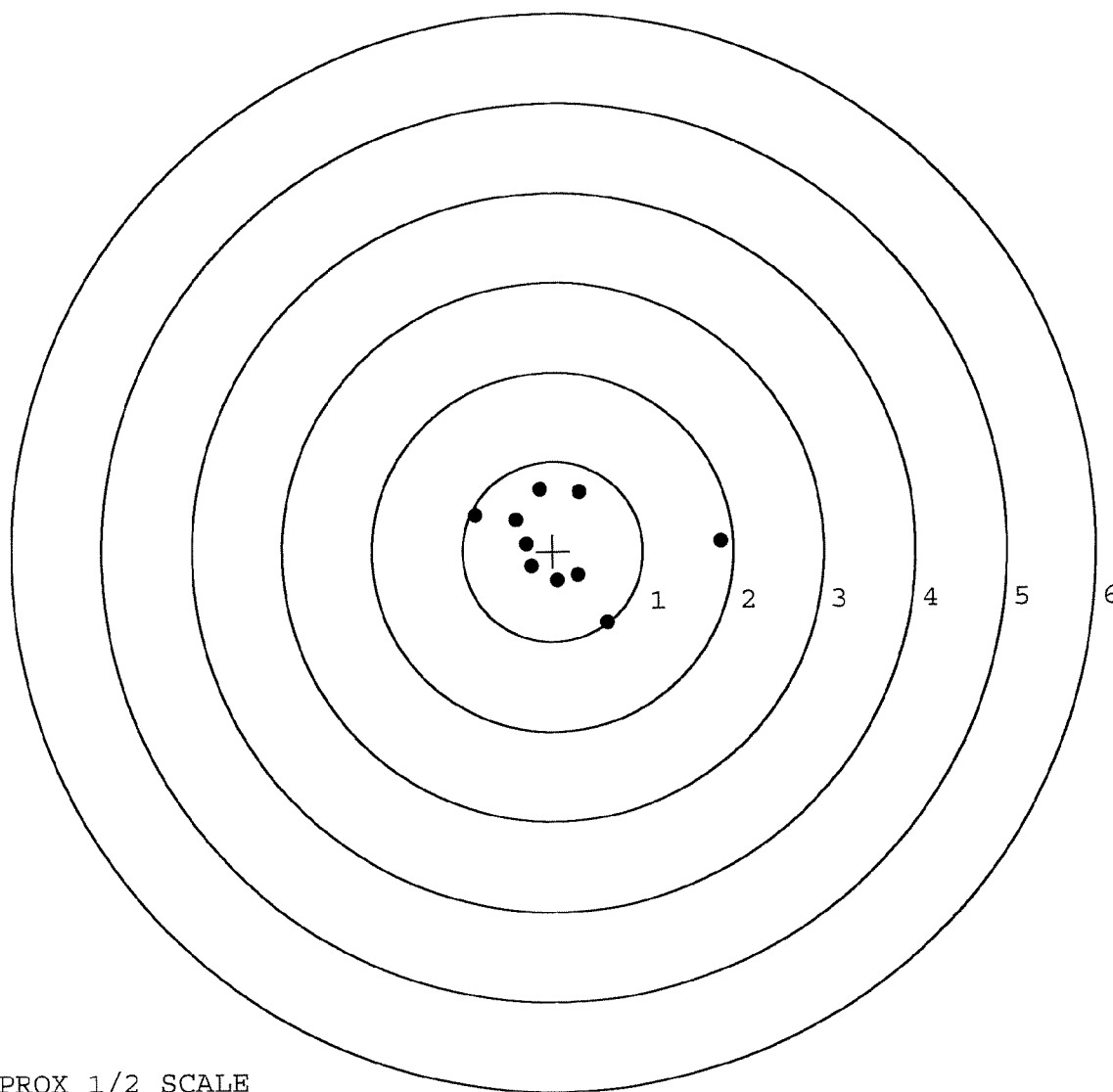


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. __1
 TARGET NUMBER: 3
 FILE DATE: 01/13/2006
 FILE TIME: 12:48

POINT#	X	Y
1:	1.866	0.097
2:	0.600	-0.797
3:	0.294	0.655
4:	-0.145	0.690
5:	-0.857	0.405
6:	0.278	-0.270
7:	0.050	-0.329
8:	-0.245	-0.169
9:	-0.300	0.084
10:	-0.412	0.353

X CENTROID: 0.113
 Y CENTROID: 0.072
 POA TO CENTROID: 0.134
 HORZ SPREAD: 2.723
 VERT SPREAD: 1.487
 GROUP SPREAD: 2.740
 MIN RADIUS: 0.380
 MAX RADIUS: 1.753
 MEAN RADIUS: 0.728
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. __1

TARGET NUMBER: 4

FILE DATE: 01/13/2006

FILE TIME: 12:48

X CENTROID: -0.182

Y CENTROID: -0.162

POA TO CENTROID: 0.244

HORZ SPREAD: 2.026

VERT SPREAD: 1.851

GROUP SPREAD: 2.103

MIN RADIUS: 0.327

MAX RADIUS: 1.403

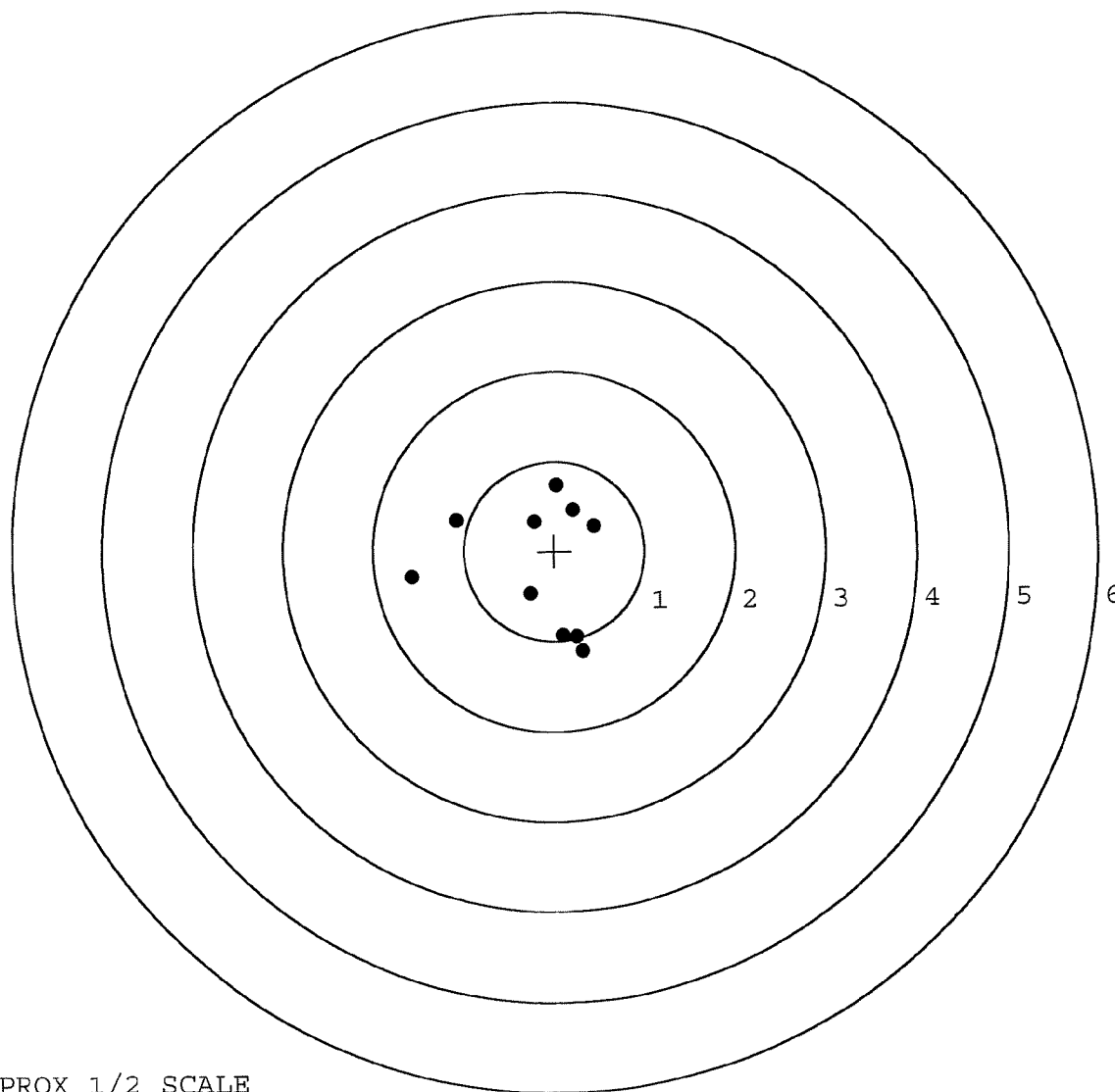
MEAN RADIUS: 0.849

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.309	-1.115
2:	0.091	-0.942
3:	-0.268	-0.477
4:	-1.580	-0.284
5:	-1.084	0.353
6:	-0.225	0.332
7:	0.446	0.279
8:	0.213	0.459
9:	0.032	0.736
10:	0.243	-0.960



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. __1

TARGET NUMBER: 5

FILE DATE: 01/13/2006

FILE TIME: 12:48

X CENTROID: 0.006

Y CENTROID: -0.015

POA TO CENTROID: 0.016

HORZ SPREAD: 1.741

VERT SPREAD: 1.282

GROUP SPREAD: 1.773

MIN RADIUS: 0.184

MAX RADIUS: 0.989

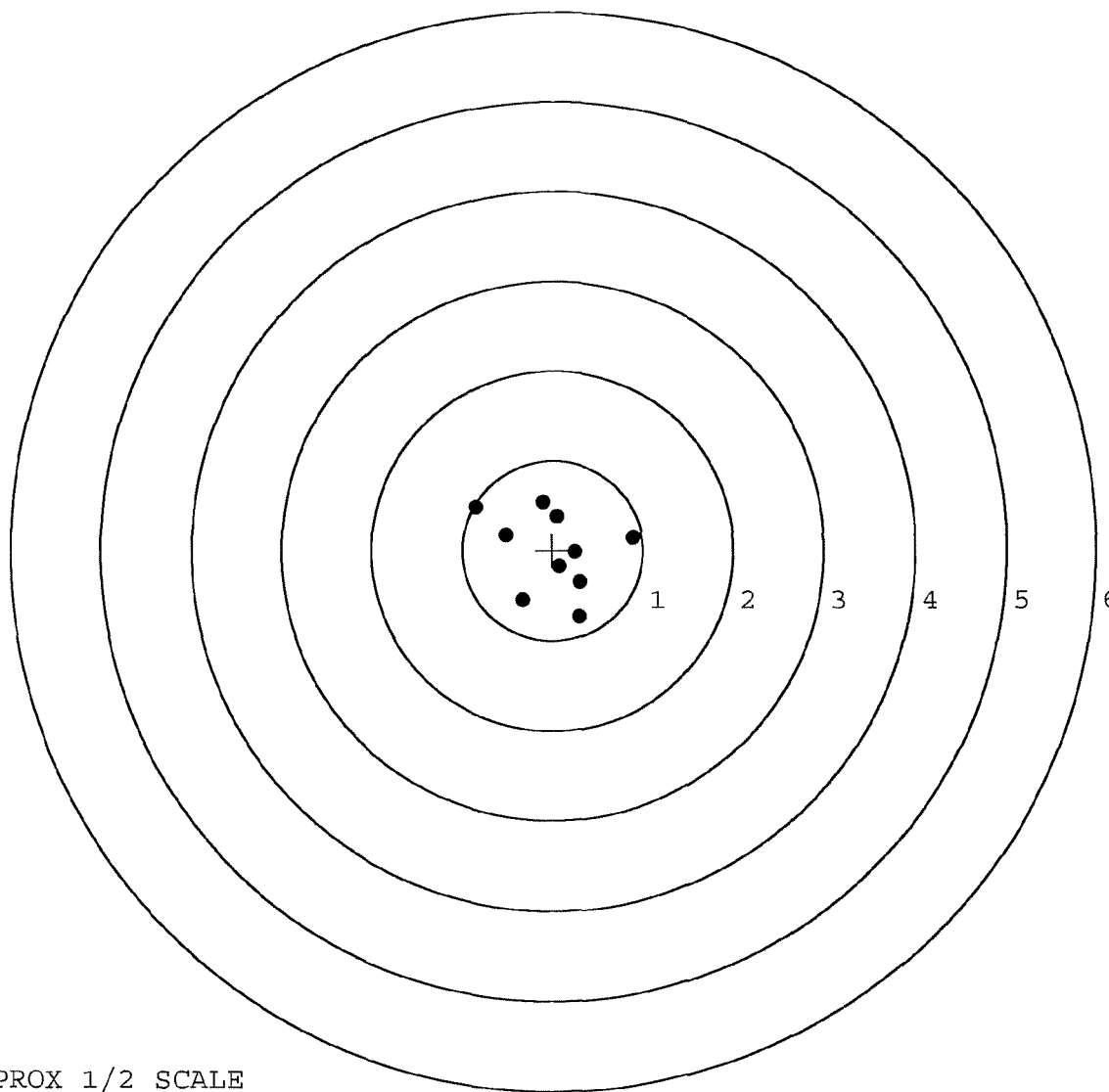
MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.891	0.146
2:	0.294	-0.745
3:	0.305	-0.359
4:	0.078	-0.184
5:	-0.335	-0.556
6:	0.049	0.379
7:	-0.112	0.537
8:	-0.514	0.173
9:	-0.850	0.481
10:	0.252	-0.022



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	105 767		
SERIAL NUMBER	C6523387		
LOG-IN DATE	12-27-05		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-29-05	RJR
505	RE-BARREL	1-4-06	
560	ASSEMBLE	1-4-06	RTZ
600	PROOF	1-4-06	
605	CHECK HEADSPACE	1-4-06	
610	DIS-ASSEMBLE GUN	1-4-06	
612	MAGNAFLUX	1-6-06	WRA
510	DRILL AND TAP	1-5-06	TRW
615	ROLLMARK CALIBER	1-6-06	CW
618	ROTO-BLAST	1-6-06	LB
620	APPLY COATINGS	1-10-06	HP
625	FINAL ASSEMBLY	1-11-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 1-13-06	TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	1-13-06 TRW
670	FINAL INSPECTION	1-20-06	
	A) HEADSPACE	PASS FAIL 1-20-06	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	4 lbs 4 lbs 4 lbs
	G) SAFETY OFF FORCE	2 LBS	2 lbs 2 lbs 2 lbs
	I) FIRING PIN INDENT	.020	.022 .022 .022
690	PACK		1-21-06

Repair Number: RE00077423	Serial: C6523387 Model: M24 SWS Center Fire Caliber: 7.62 Nato	Repairman:	Status: Closed 2/18/2004 7:41:13 AM												
Address Information															
Customer: COMMANDER		Received From: COMMANDER													
Address 1: HHC 3 325 AIR		Address 1: HHC 3 325 AIR													
Address 2: PO Box:		Address 2: PO Box:													
City: FORT BRAGG		City: FORT BRAGG													
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US													
FFL:															
Contact / Condition	Problems	Estimate	History / Status												
Contact Information Phone: Fax: Email: Comments:		Received Condition Fair Condition Notes: CSR Notes:													
		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3
Code	Desc	Qty													
A007	With Studs	3													
A010	Hard Case	1													
A017	Scope Bases	3													
Repair Search		Refresh Close													

nagleij 2/18/2004 8:26 AM Case NUM INS SCPL

start 3 4 2

Serial Number: **C6523387**

Model: **M24 SWS**



RE00077423

R & E NUMBER	77423		
SERIAL NUMBER	C 6523387		
LOG-IN DATE	4-18-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-04	RTL
560 A	RE-BARREL	2-19-04	RTL
B	DRILL AND TAP	2-20-04	TRW
575	ASSEMBLE	2-19-04	RTL
600	PROOF	2-19-04	AK
605	CHECK HEADSPACE	2-19-04	AK
610	DIS-ASSEMBLE GUN	2-19-04	RTL
612	MAGNAFLUX OPERATOR	2/25/04	AK
615	ROLLMARK CALIBER	2/26/04	CK
618	ROTO-BLAST	2/26/04	TRW
620	APPLY COATINGS	3-8-04	RTL
625 A	FINAL ASSEMBLY	3-8-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-8-04	TRW
655	FINAL INSPECT	3-11-04	RTL
660	PACK	3-11-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523387.__0

FILE DATE AND TIME: 03/08/2004 07:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.690
The Distance from POA to Centroid Target #1:	0.014
The Distance from Centroid Target #2 to Centroid Target #1:	0.176
The Distance from Centroid Target #3 to Centroid Target #1:	0.161
The Distance from Centroid Target #4 to Centroid Target #1:	0.049
The Distance from Centroid Target #5 to Centroid Target #1:	0.262

SERIAL NUMBER: C6523387. 0

TARGET NUMBER: 1

FILE DATE: 03/08/2004

FILE TIME: 07:17

X CENTROID: 0.006

Y CENTROID: 0.012

POA TO CENTROID: 0.014

HORZ SPREAD: 1.251

VERT SPREAD: 3.524

GROUP SPREAD: 3.597

MIN RADIUS: 0.219

MAX RADIUS: 1.986

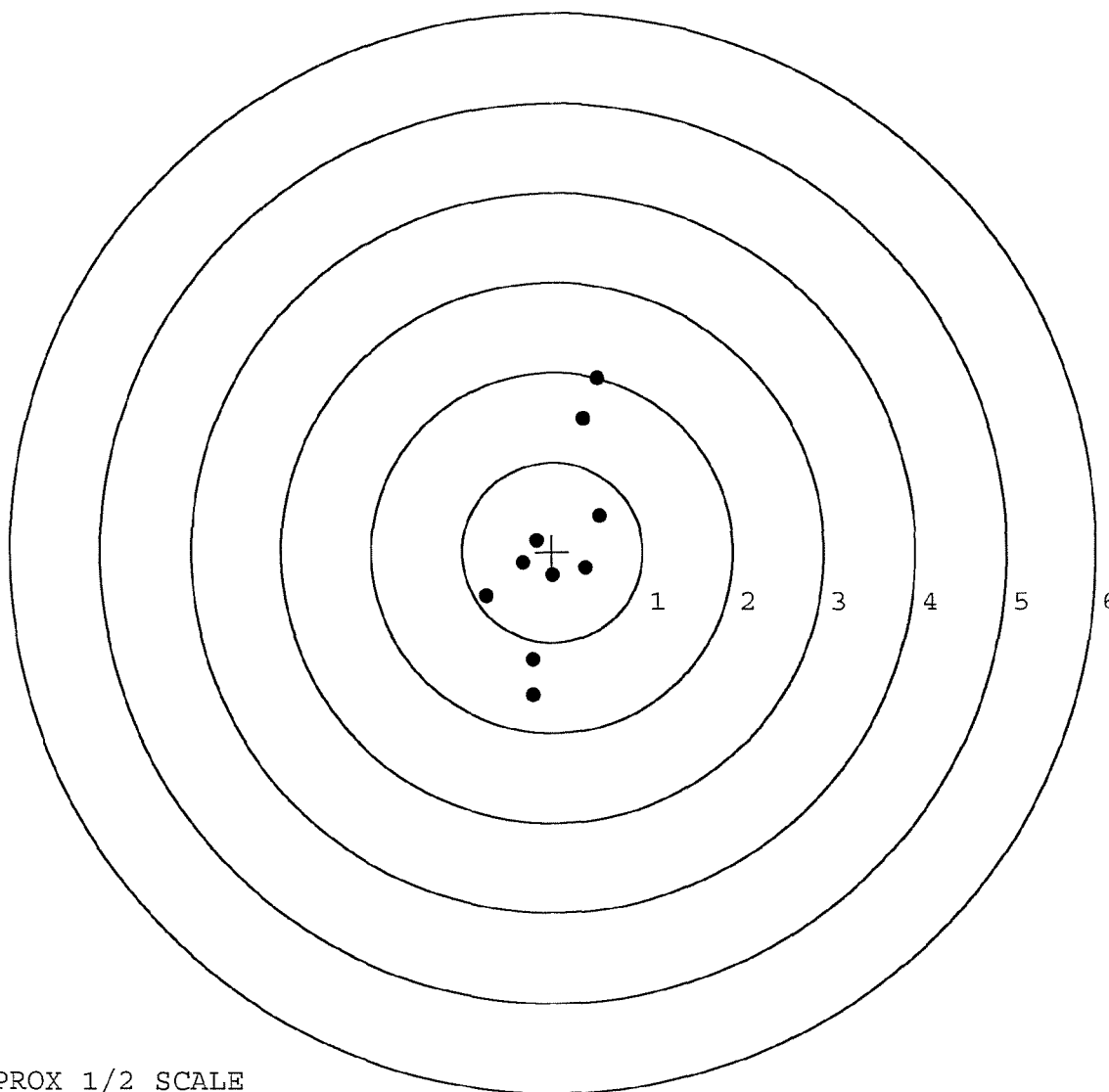
MEAN RADIUS: 0.915

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.220	-1.588
2:	-0.215	-1.195
3:	-0.728	-0.488
4:	0.499	1.936
5:	0.339	1.491
6:	0.523	0.400
7:	0.371	-0.177
8:	0.004	-0.262
9:	-0.177	0.133
10:	-0.333	-0.126



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. 0

TARGET NUMBER: 2

FILE DATE: 03/08/2004

FILE TIME: 07:17

X CENTROID: -0.157

Y CENTROID: -0.053

POA TO CENTROID: 0.166

HORZ SPREAD: 1.988

VERT SPREAD: 1.365

GROUP SPREAD: 2.311

MIN RADIUS: 0.097

MAX RADIUS: 1.545

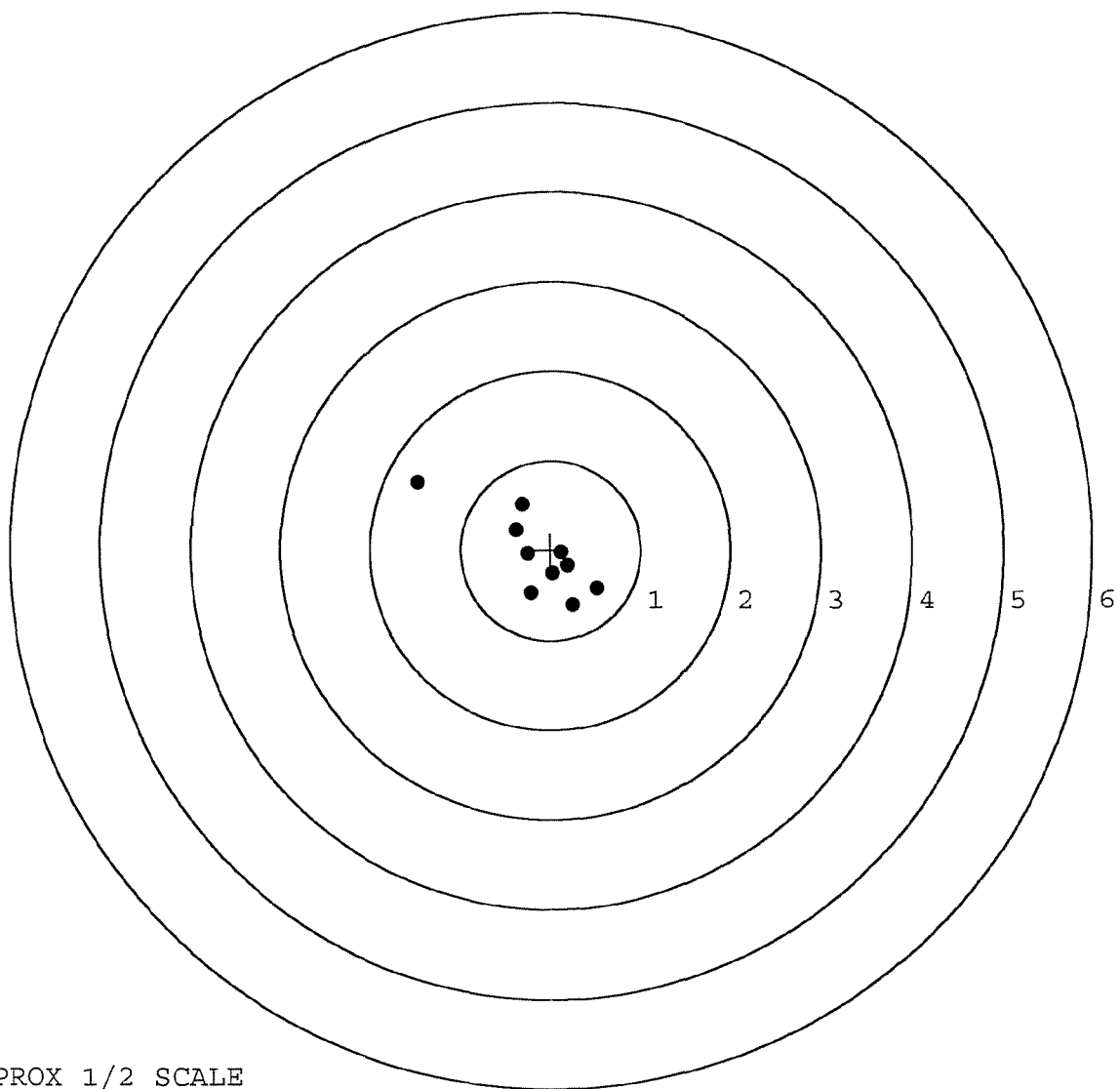
MEAN RADIUS: 0.539

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.474	0.756
2:	-0.325	0.509
3:	-0.386	0.226
4:	-0.254	-0.044
5:	0.114	-0.028
6:	0.514	-0.422
7:	0.244	-0.609
8:	-0.221	-0.477
9:	0.192	-0.177
10:	0.023	-0.263



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. __0

TARGET NUMBER: 3

FILE DATE: 03/08/2004

FILE TIME: 07:17

POINT#	X	Y
1:	0.147	-0.861
2:	-0.385	-0.857
3:	0.658	-0.387
4:	0.900	0.008
5:	0.491	0.631
6:	0.026	0.332
7:	-0.333	0.029
8:	-0.736	0.627
9:	0.764	-0.107
10:	0.058	0.189

X CENTROID: 0.159

Y CENTROID: -0.040

POA TO CENTROID: 0.164

HORZ SPREAD: 1.636

VERT SPREAD: 1.492

GROUP SPREAD: 1.749

MIN RADIUS: 0.250

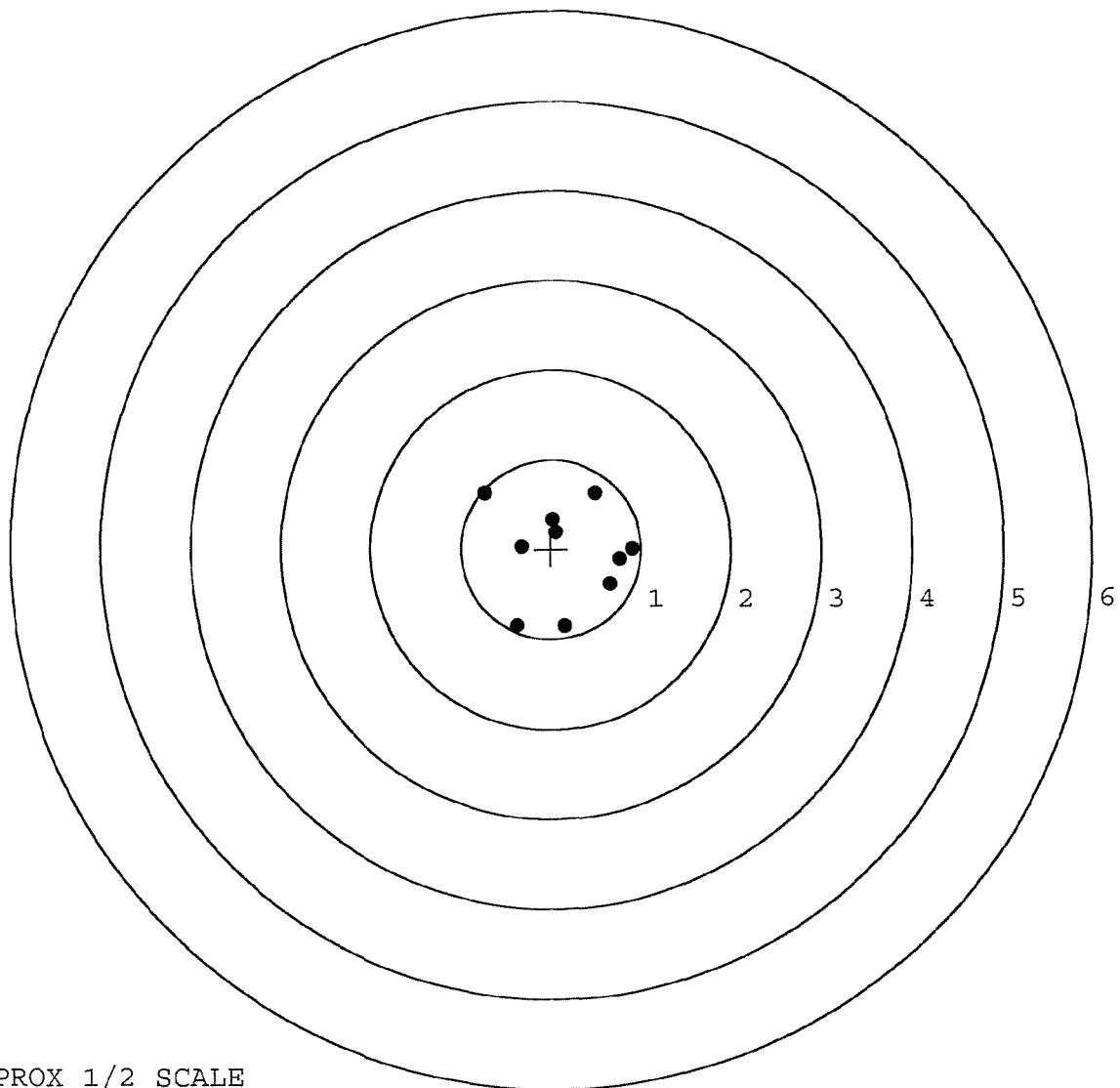
MAX RADIUS: 1.116

MEAN RADIUS: 0.677

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0027190

SERIAL NUMBER: C6523387. __0

TARGET NUMBER: 4

FILE DATE: 03/08/2004

FILE TIME: 07:17

X CENTROID: -0.028

Y CENTROID: -0.023

POA TO CENTROID: 0.036

HORZ SPREAD: 1.103

VERT SPREAD: 2.457

GROUP SPREAD: 2.487

MIN RADIUS: 0.055

MAX RADIUS: 1.527

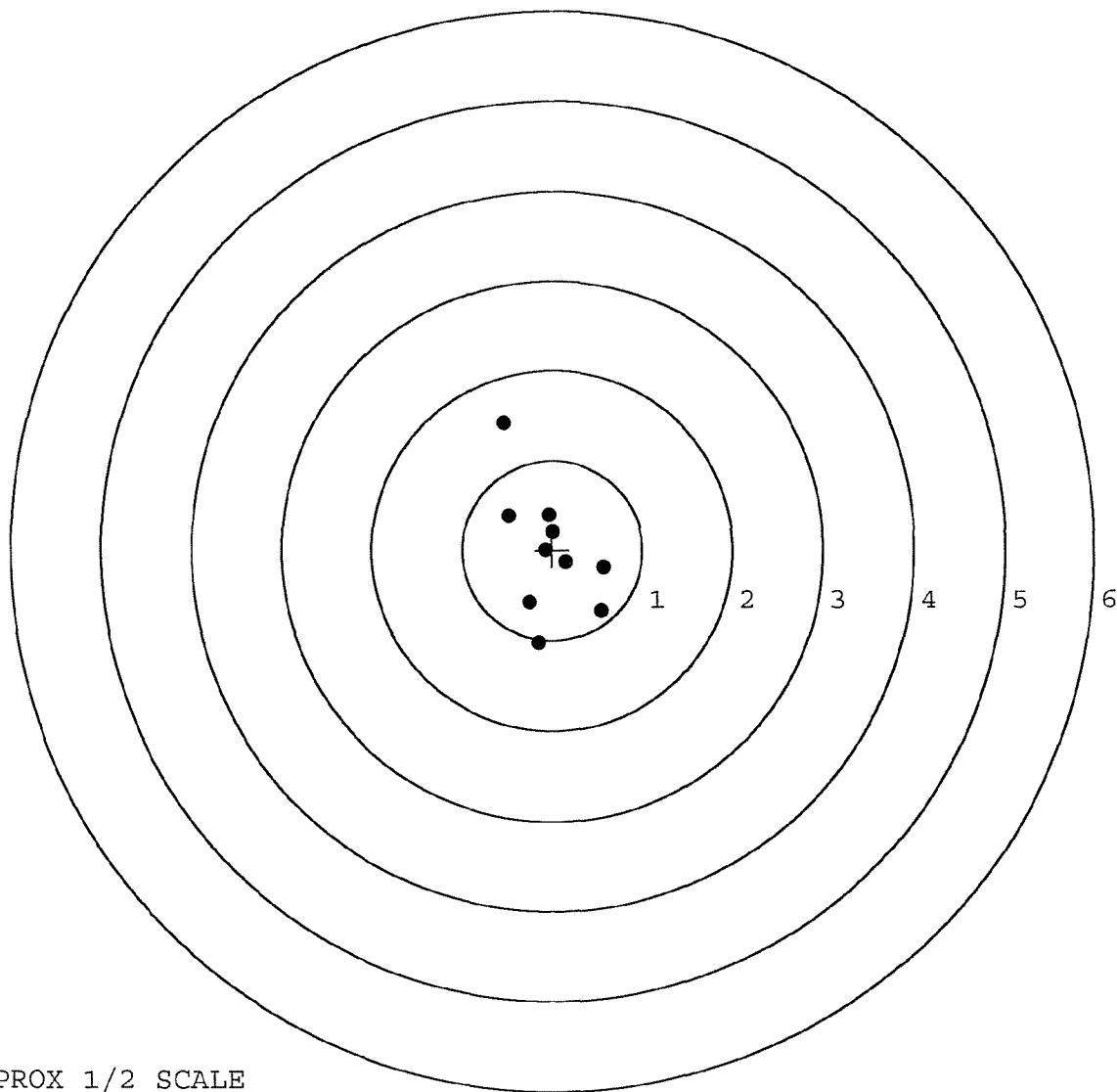
MEAN RADIUS: 0.617

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.151	-1.039
2:	-0.254	-0.582
3:	0.543	-0.677
4:	0.569	-0.190
5:	-0.491	0.385
6:	-0.534	1.418
7:	-0.043	0.388
8:	-0.078	0.000
9:	0.150	-0.138
10:	0.013	0.206



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523387. __0

TARGET NUMBER: 5

FILE DATE: 03/08/2004

FILE TIME: 07:17

X CENTROID: 0.051

Y CENTROID: -0.246

POA TO CENTROID: 0.251

HORZ SPREAD: 1.370

VERT SPREAD: 2.020

GROUP SPREAD: 2.396

MIN RADIUS: 0.267

MAX RADIUS: 1.528

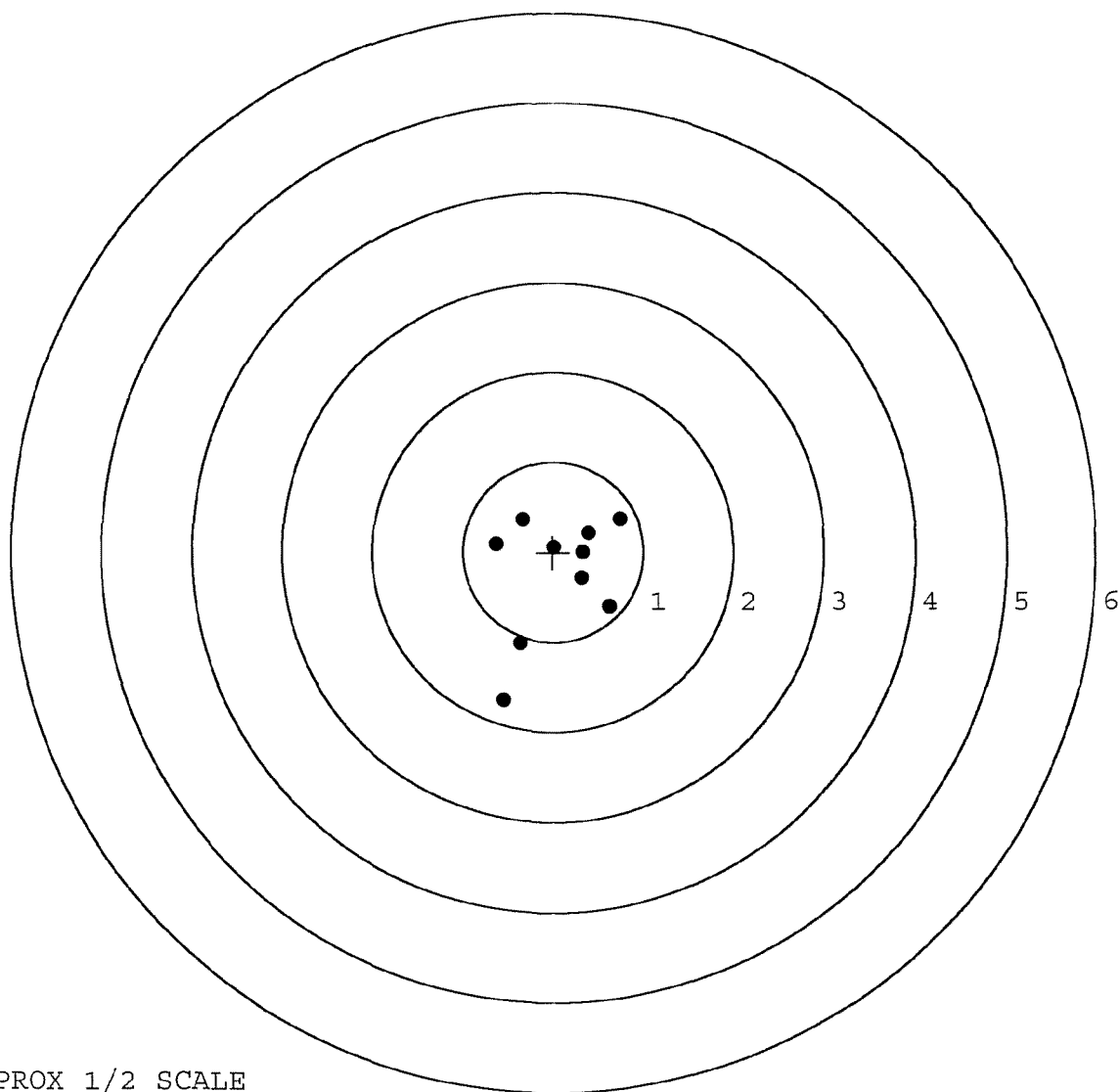
MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.369	-1.015
2:	-0.552	-1.650
3:	0.620	-0.608
4:	-0.633	0.089
5:	-0.344	0.362
6:	0.737	0.370
7:	0.394	0.218
8:	0.315	-0.287
9:	0.013	0.059
10:	0.328	0.006



TARGET APPROX 1/2 SCALE

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO /	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER <i>WH92T.1</i>	1b. CUSTOMER UNIT NAME <i>HHC 3-325</i>	1c. PHONE NO <i>432-505</i>	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE <i>0</i>	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID <i>A</i>	7. NSN <i>1005012402136</i>		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL <i>M24 SWS</i>	9. NOUN <i>Sniper weapon System</i>			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		
10a. ORG WON/DOC NO		10b. EIC		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R		
11. SERIAL NUMBER <i>06523387</i>	12. QTY <i>0001</i>	13. PD <i>0.2</i>		17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) <i>T/1</i>				20. ADMIN NO		
				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
				22. LEVEL OF WORK		
				23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)						
25. REMARKS						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank. SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT. SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.				SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.		
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE		
34b. DATE		35b. STATUS		35d. TIME		
				Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.		

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

Aims 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: **RE00028187** Serial: C6523387 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 6/5/01 7:02:49 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: 782ND 782ND

Address 1: ATTN CLASS II IV VII WAREHOUSE ATTN CLASS II IV VII WAREHOUSE

Address 2: BLDG A 2530 PO Box: BLDG A 2530 PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
X	BI POD	1

Repair Search Refresh Close

6/5/01 7:28 AM CAPS NUM WS S.F.L.

Start Inb Nag Fre Expl Pat Ar Micr Mar SA 7:28 AM

Serial Number: **C6523387**Model: **700****RE00028187**

BARBER - M24 0027195

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6523387
22 Jun 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0034
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.277
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .277021

THE AMR FOR THIS RIFLE IS: .9248

CENTROIDAL DISTANCES

0	TO	1	.314917
1	TO	2	.179903
1	TO	3	.336667
1	TO	4	.479755
1	TO	5	.369259

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

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

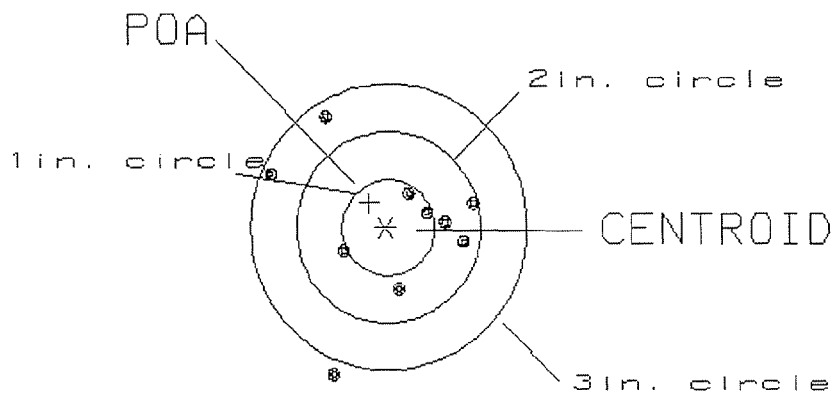
PATTERN #: 1

POA TO CENTROID: .315
 MIN RADIUS : .383
 MEAN RADIUS : .867
 MAX RADIUS : 1.620
 CENTROID X : .182
 CENTROID Y : -.257

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523387

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.26

3

VS= 2.67

7

GS= 2.68

9

REMINGTON CENTERFIRE ACCURACY TEST

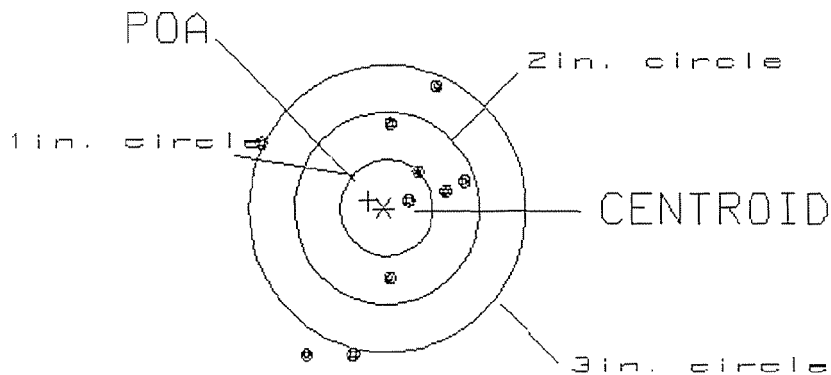
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .182
 MIN RADIUS : .201
 MEAN RADIUS : 1.004
 MAX RADIUS : 1.749
 CENTROID X : .164
 CENTROID Y : -.078

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523387

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.23

1

VS= 2.82

6

GS= 3.11

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

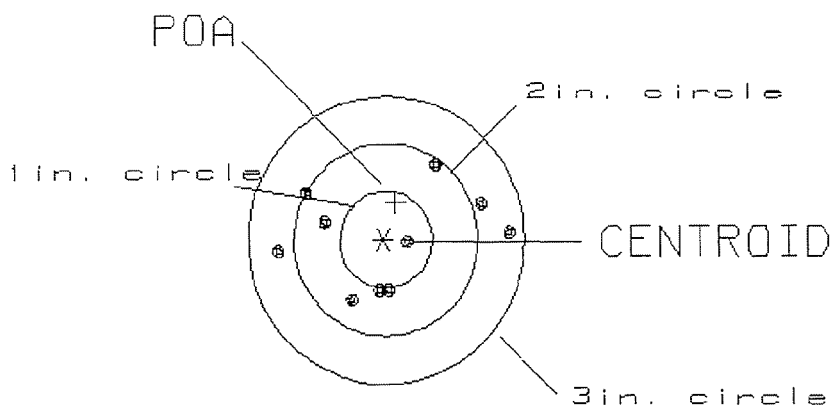
PATTERN #: 3

POA TO CENTROID: .402
 MIN RADIUS : .266
 MEAN RADIUS : .815
 MAX RADIUS : 1.335
 CENTROID X : -.131
 CENTROID Y : -.381

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c5523387

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.52

2

VS= 1.35

7

GS= 2.52

10

BARBER - M24 0027199

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

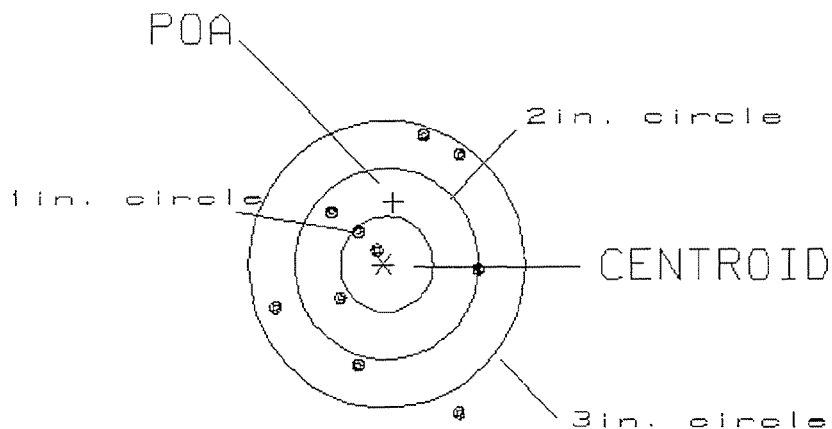
PATTERN #: 4

POA TO CENTROID: .655
 MIN RADIUS : .194
 MEAN RADIUS : .999
 MAX RADIUS : 1.731
 CENTROID X : -.096
 CENTROID Y : -.648

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523387

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.20

2

VS= 2.84

4

GS= 2.87

9

BARBER - M24 0027200

REMINGTON CENTERFIRE ACCURACY TEST

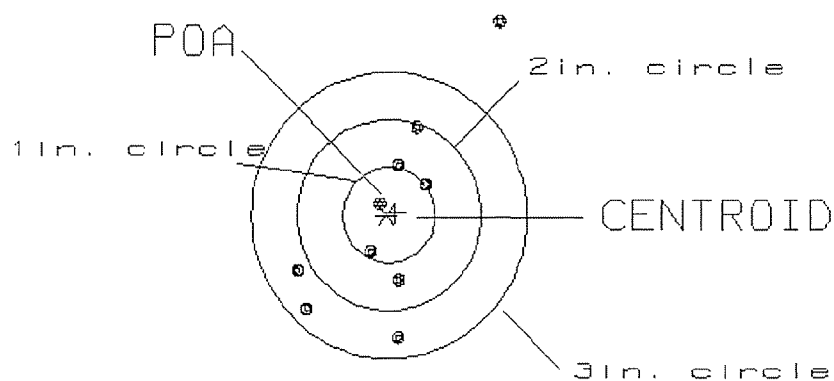
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 05

POA TO CENTROID: .104
MIN RADIUS : .115
MEAN RADIUS : .939
MAX RADIUS : 2.322
CENTROID X : -.102
CENTROID Y : -.021

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523387

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.20

3

VS= 3.29

6

GS= 3.67

9

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

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

MODEL 700™ M24

SERIAL NO. C6523387

ORDER NO. 5716

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

Ø1

5716 C6523387

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

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523387

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KH
600	Proof		10/4/90	KH
607	Check Headspace		10/4/90	KH
610	Dis-assemble Gun		10/4/90	KH
612	Magnaflux Barrel Action		10/9/90	KR
	Magnaflux Bolt		10/9/90	KR
615	Rollmark Caliber		10/9/90	EL
617	Drill and Tap Sight Holes		10/11/90	FB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/20/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/20/90	WB
	C) Inspect Ejector Hole for Chamfer		10/20/90	WB
	D) Oil Firing Pin Ass'y		10/20/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-27-90	DH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4	10/27/90	WB		
	G) Safety Off Force	3	3	3	10/27/90	WB		
	H) Trigger Pull Test & Retainability				10-27-90	DH		
	I) Firing Pin Indent	.021	.021	.021	10/27/90	WB		
	J) Assemble Stock				10/27/90	KA		
	K) Assemble Swivel Studs				11-20-90	QD		
	L) Attach Front and Rear Sight Assemblies				10/27/90	KA		
	M) Iron Sight Alignment				10/27/90	KA		
	N) Detach Front & Rear Sights & place in numbered container				10/27/90	KA		
	O) Attach Scope to Rifle				10/27/90	KA		
	P) Detach & Attach Scope 20 Times				10/27/90	KA		
640	Gallery Target & Test				10-29-90	KT		
	A) Time				10-29-90	KT		
	B) Malfunctions				10-29-90	KT		
	C) Pierced Primers				10-29-90	KT		
	D) Optical Clarity of Scope				10-29-90	FP		
645	Inspect for Live Ammo				10-29-90	KT		
655	Final Inspection							
	A) Headspace				11-20-90	QD		
	B) Trigger Pull	263	256	264	266	261	11-20-90	QD
	C) Function						11-20-90	QD
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523387

DATE 10-27-90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.37	2.65	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.24	2.30	2.56	
PULL #3	2.36	2.38	2.56	2.64	
PULL #4	2.38	2.42	2.56	2.66	
PULL #5	2.54	2.46	2.53	2.61	
TOTAL	12.25	11.87	12.60		
AVG.	2.45	2.37	2.52		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.14		
PULL #2	3.12	3.09		
PULL #3	3.12	3.13		
PULL #4	3.11	3.18		
PULL #5	3.13	3.10		
TOTAL	15.65	15.64		
AVG.	3.13	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.05		4.08
PULL #2	4.07	4.07		4.10
PULL #3	4.02	4.13		4.11
PULL #4	4.03	4.08		4.10
PULL #5	4.04	4.03		4.12
TOTAL	20.26	20.36		20.51
AVG.	4.05	4.07		4.10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523387
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.136693
1 TO	2	.36316
1 TO	3	.270416
1 TO	4	.0490408
1 TO	5	.256285

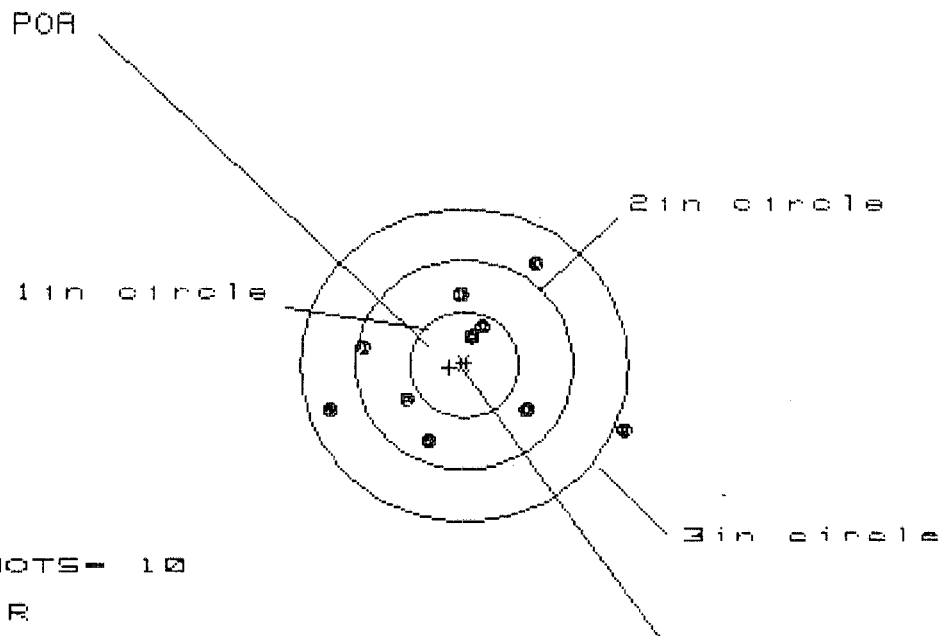
24 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.023
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0386005
THE AMR FOR THIS RIFLE IS: 1.021

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523387

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.738

VS= 1.719

GS= 2.751

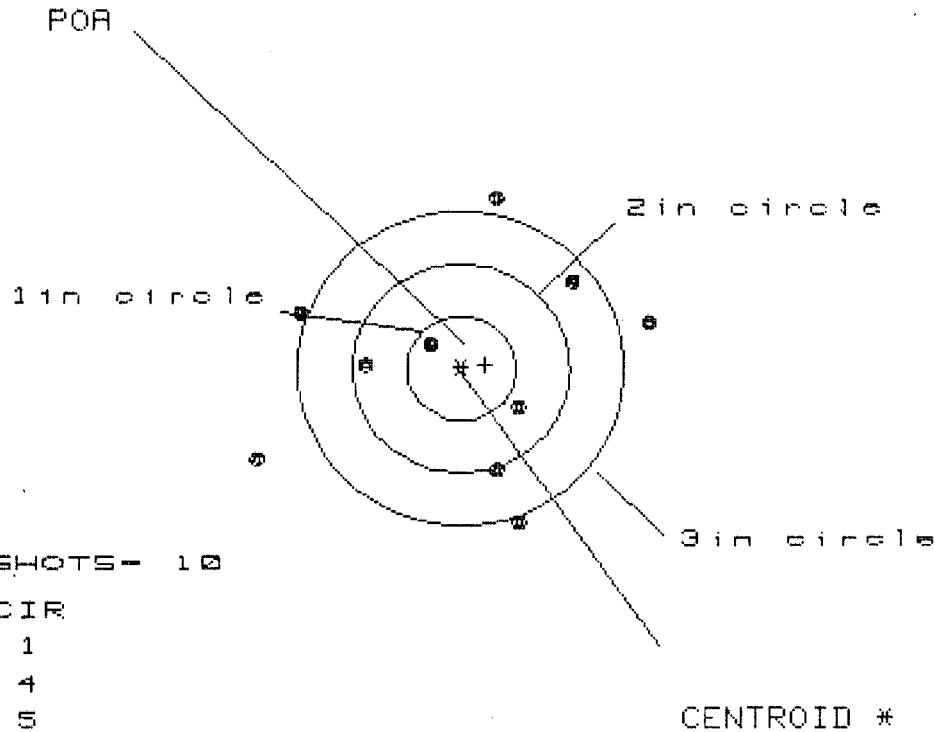
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.510	.836	.704
MINIMUM X	-1.228	-1.060	-.928
MAXIMUM Y	1.015	.943	.886
MINIMUM Y	-.704	-.776	-.833
CENTROID X	.134	-.034	.099
CENTROID Y	.027	.099	.156
POA TO CENTROID in.	.137	.105	.185
MIN RADIUS	.258	.311	.170
MEAN RADIUS	.870	.772	.700
MAX RADIUS	1.644	1.260	1.131
HORIZONTAL SPREAD	2.738	1.896	1.632
VERTICAL SPREAD	1.719	1.719	1.719
EXTREME SPREAD	2.751	2.354	1.984
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523387

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 3.629

VS = 3.120

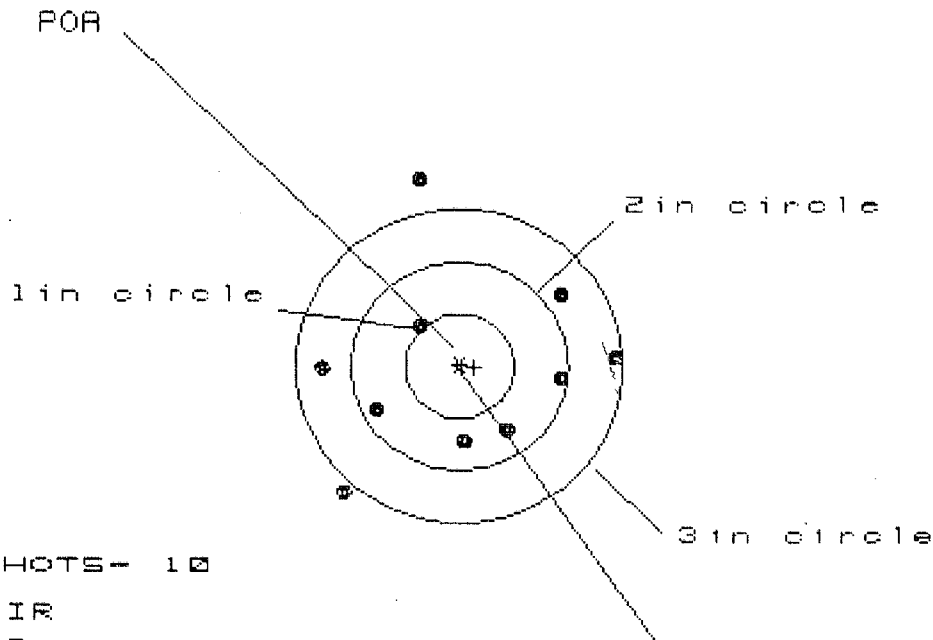
GS = 3.842

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.746	1.537	.989
MINIMUM X	:	-1.883	-1.659	-1.467
MAXIMUM Y	:	1.618	1.522	1.560
MINIMUM Y	:	-1.502	-1.598	-1.560
CENTROID X	:	-.224	-.015	-.207
CENTROID Y	:	-.034	.062	.024
POA TO CENTROID in.	:	.226	.063	.208
MIN RADIUS	:	.340	.475	.316
MEAN RADIUS	:	1.283	1.191	1.121
MAX RADIUS	:	2.071	1.716	1.648
HORIZONTAL SPREAD	:	3.629	3.196	2.456
VERTICAL SPREAD	:	3.120	3.120	3.120
EXTREME SPREAD	:	3.842	3.199	3.127
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523387

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.723

VS= 2.917

GS= 3.007

CENTROID #

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.444
MINIMUM X	:	-1.279
MAXIMUM Y	:	1.738
MINIMUM Y	:	-1.179
CENTROID X	:	-.136
CENTROID Y	:	.012
POA TO CENTROID in.	:	.136
MIN RADIUS	:	.537
MEAN RADIUS	:	1.105
MAX RADIUS	:	1.779
HORIZONTAL SPREAD	:	2.723
VERTICAL SPREAD	:	2.917
EXTREME SPREAD	:	3.007
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	8

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523367

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.673

VS= 1.865

GS= 3.033

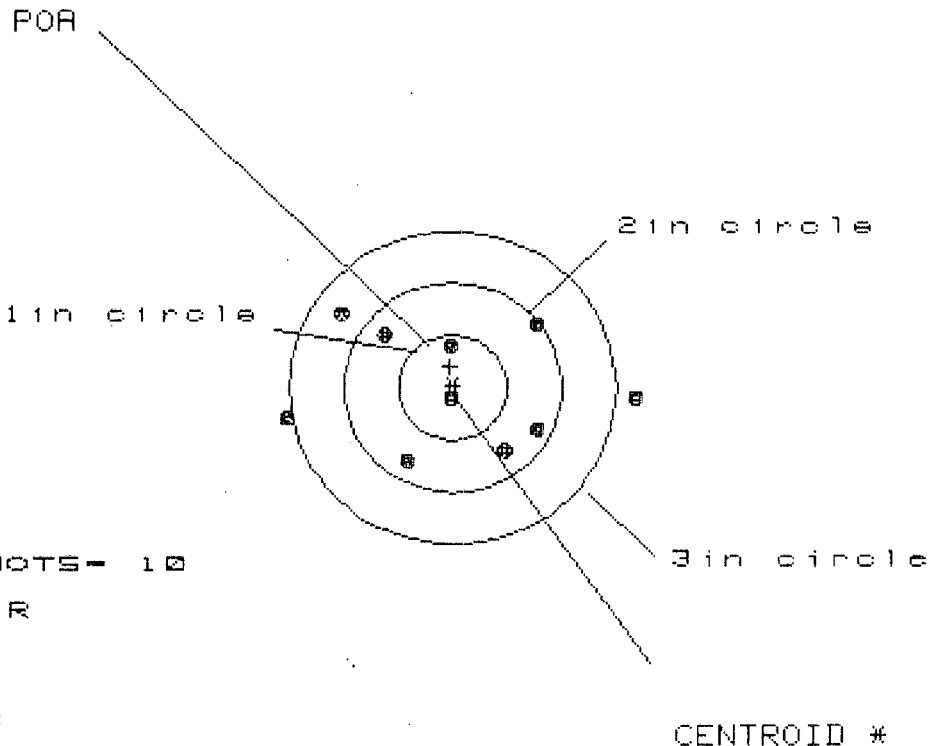
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.603	1.036	.924
MINIMUM X	:	-1.071	-.892	-.937
MAXIMUM Y	:	1.050	1.019	.755
MINIMUM Y	:	-.815	-.699	-.571
CENTROID X	:	.088	-.090	.022
CENTROID Y	:	.044	-.072	-.200
POA TO CENTROID in.	:	.099	.115	.201
MIN RADIUS	:	.081	.132	.180
MEAN RADIUS	:	.938	.803	.720
MAX RADIUS	:	1.916	1.355	1.152
HORIZONTAL SPREAD	:	2.673	1.928	1.861
VERTICAL SPREAD	:	1.865	1.718	1.326
EXTREME SPREAD	:	3.033	2.582	2.071
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523367

CENTERFIRE PATTERNS # 5



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.634	.934	.768
MINIMUM X	-1.505	-1.323	-.987
MAXIMUM Y	.678	.668	.634
MINIMUM Y	-.714	-.724	-.758
CENTROID X	.023	-.159	.007
CENTROID Y	-.204	-.194	-.160
POA TO CENTROID in.	.206	.251	.160
MIN RADIUS	.078	.158	.113
MEAN RADIUS	.907	.827	.739
MAX RADIUS	1.637	1.351	1.173
HORIZONTAL SPREAD	3.139	2.257	1.755
VERTICAL SPREAD	1.392	1.392	1.392
EXTREME SPREAD	3.144	2.407	2.045
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		