

C6611783

MODEL 700™ M24

Model **SMS**™

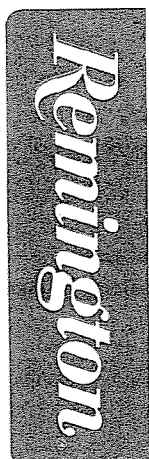
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00130510

Serial: C6611783 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 6/19/2007 7:30:05 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: C CO 2/3D SFG (A)

C CO 2/3D SFG (A)

Address 1: E-1650 KUWAIT STREET

E-1650 KUWAIT STREET

Address 2: ATTN: MARIO NARANJO

PO Box:

ATTN: MARIO NARANJO

PO Box:

City: FT. BRAGG

FT. 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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

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

Repair Search

Refresh

Close

nagletj

6/19/2007

7:46 AM

CAPS

NUM

INS

SCRL



Inbox - Micros...

Calendar - Mic...

Calendar - Mic...

Arms Services ...



7:46 AM

Serial Number: C6611783

Model: M24 SWS



RE00130510

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611783.__0
FILE DATE AND TIME: 07/19/2007 23:09

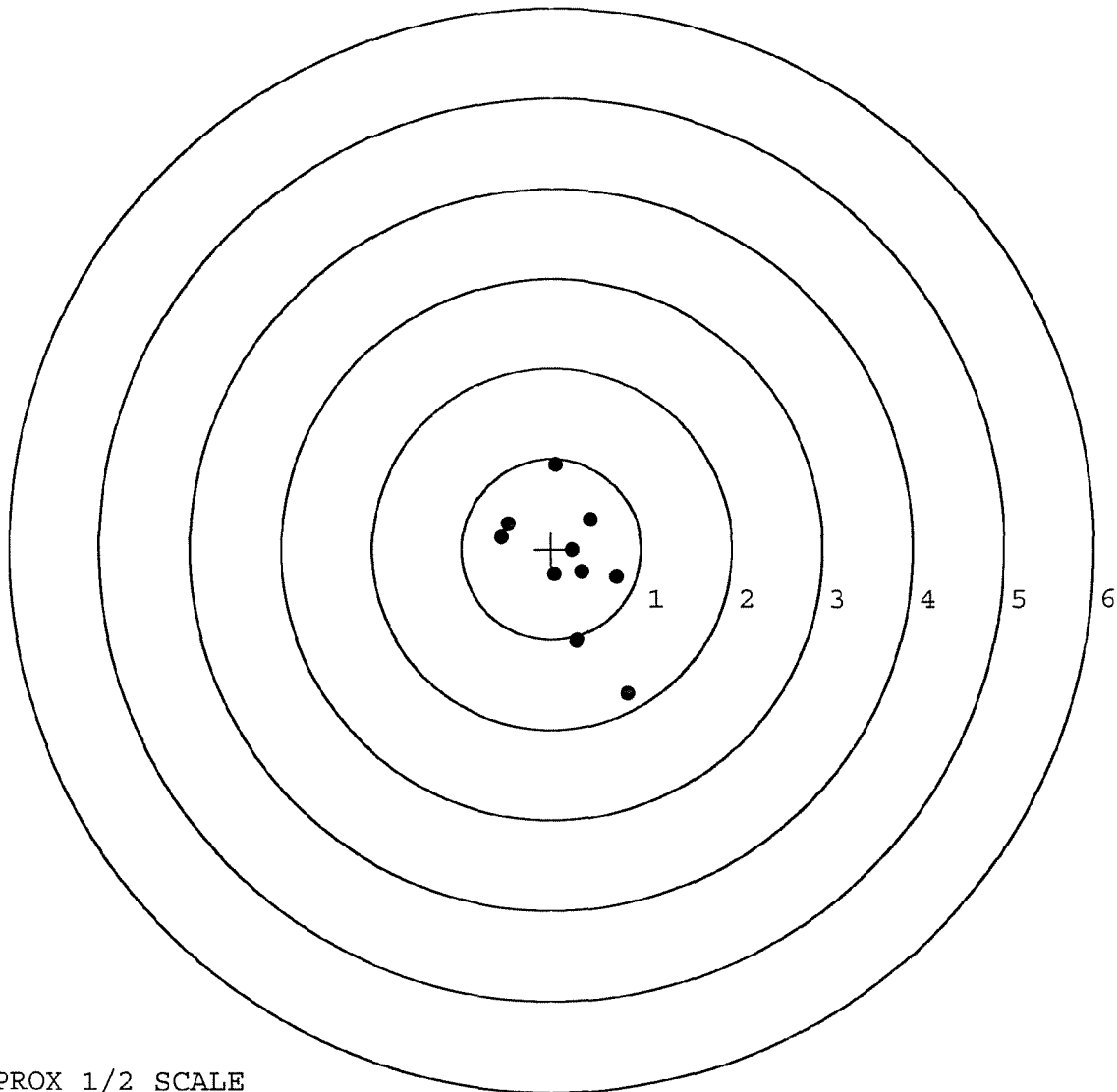
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.100
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.636
The Distance from POA to Centroid Target #1:	0.264
The Distance from Centroid Target #2 to Centroid Target #1:	0.355
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.172
The Distance from Centroid Target #5 to Centroid Target #1:	0.403

SERIAL NUMBER: C6611783. 0
TARGET NUMBER: 1
FILE DATE: 07/19/2007
FILE TIME: 23:09

X CENTROID: 0.193
Y CENTROID: -0.180
POA TO CENTROID: 0.264
HORZ SPREAD: 1.408
VERT SPREAD: 2.533
GROUP SPREAD: 2.655
MIN RADIUS: 0.169
MAX RADIUS: 1.564
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.484	0.281
2:	-0.560	0.137
3:	0.053	0.933
4:	0.436	0.332
5:	0.238	-0.016
6:	0.343	-0.257
7:	0.035	-0.283
8:	0.728	-0.309
9:	0.291	-1.016
10:	0.848	-1.600

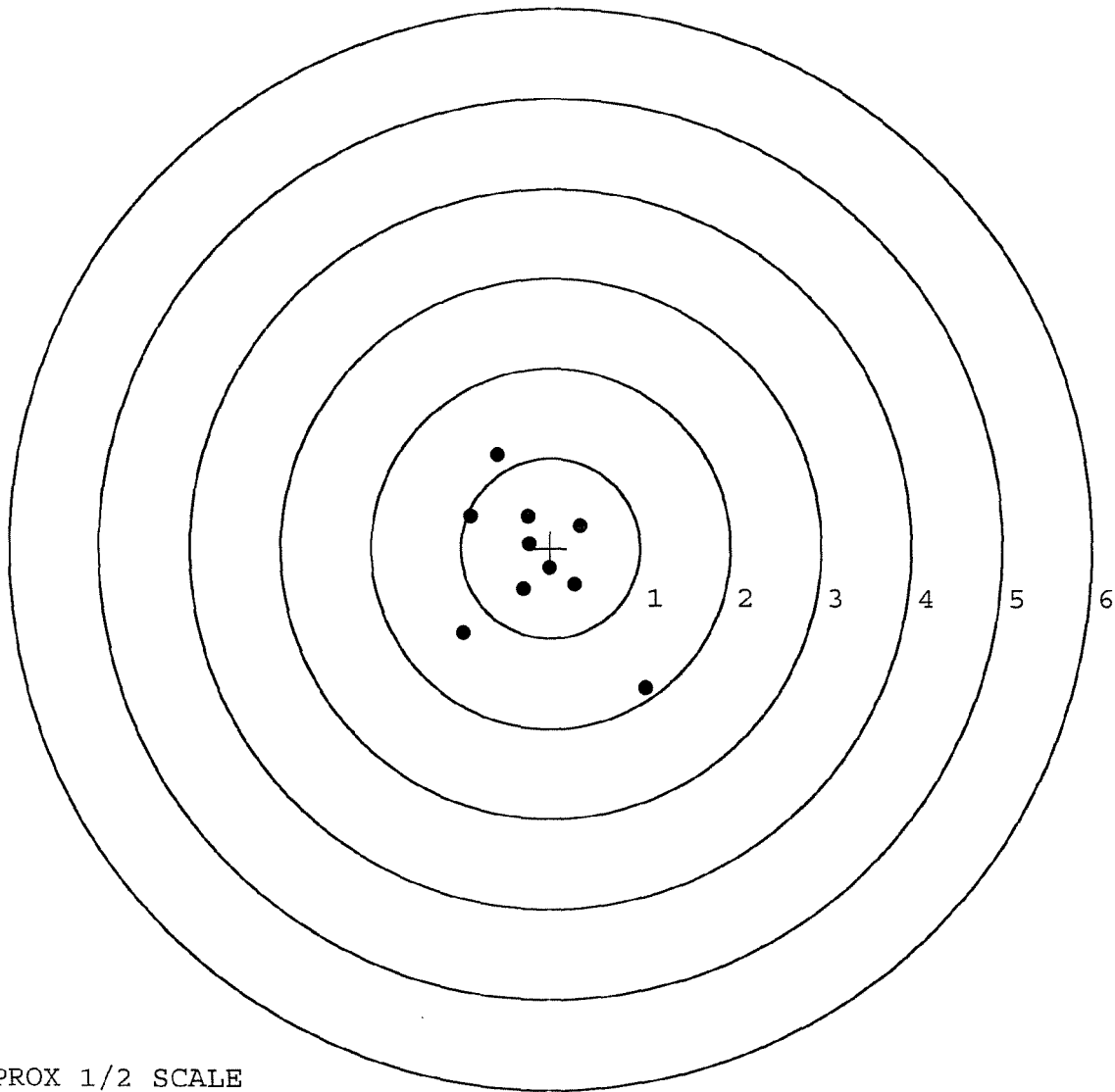


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. __0
TARGET NUMBER: 2
FILE DATE: 07/19/2007
FILE TIME: 23:09

POINT#	X	Y
1:	-0.594	1.035
2:	-0.899	0.355
3:	-0.258	0.355
4:	-0.239	0.052
5:	-0.302	-0.455
6:	-0.020	-0.225
7:	0.279	-0.404
8:	0.328	0.248
9:	-0.967	-0.947
10:	1.063	-1.551

X CENTROID: -0.161
Y CENTROID: -0.154
POA TO CENTROID: 0.223
HORZ SPREAD: 2.030
VERT SPREAD: 2.586
GROUP SPREAD: 3.071
MIN RADIUS: 0.158
MAX RADIUS: 1.858
MEAN RADIUS: 0.752
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. __0

TARGET NUMBER: 3

FILE DATE: 07/19/2007

FILE TIME: 23:09

POINT#	X	Y
1:	-0.333	0.877
2:	0.028	0.463
3:	0.310	0.224
4:	-0.324	0.113
5:	-0.055	-0.102
6:	-0.125	-0.388
7:	-0.472	-0.372
8:	0.311	-0.432
9:	0.685	-0.917
10:	-0.093	-0.210

X CENTROID: -0.007

Y CENTROID: -0.074

POA TO CENTROID: 0.075

HORZ SPREAD: 1.157

VERT SPREAD: 1.794

GROUP SPREAD: 2.063

MIN RADIUS: 0.056

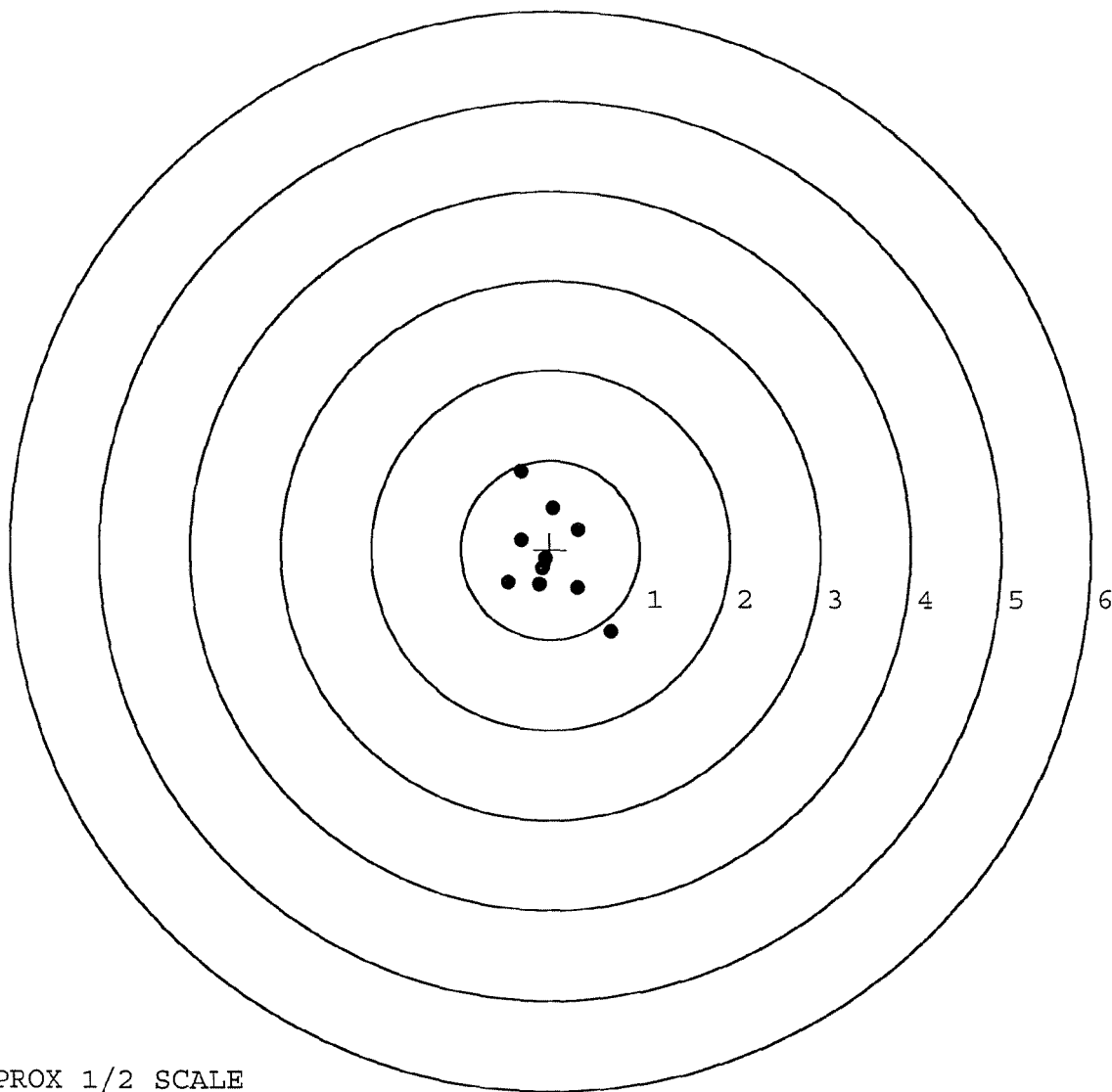
MAX RADIUS: 1.090

MEAN RADIUS: 0.502

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. __0

TARGET NUMBER: 4

FILE DATE: 07/19/2007

FILE TIME: 23:09

POINT#	X	Y
1:	-0.106	0.421
2:	0.691	0.488
3:	-0.350	1.310
4:	-0.395	-0.165
5:	-0.208	-0.472
6:	0.180	-0.058
7:	0.263	-0.157
8:	0.294	-0.516
9:	0.312	-0.713
10:	-0.021	-0.777

X CENTROID: 0.066

Y CENTROID: -0.064

POA TO CENTROID: 0.092

HORZ SPREAD: 1.086

VERT SPREAD: 2.087

GROUP SPREAD: 2.129

MIN RADIUS: 0.114

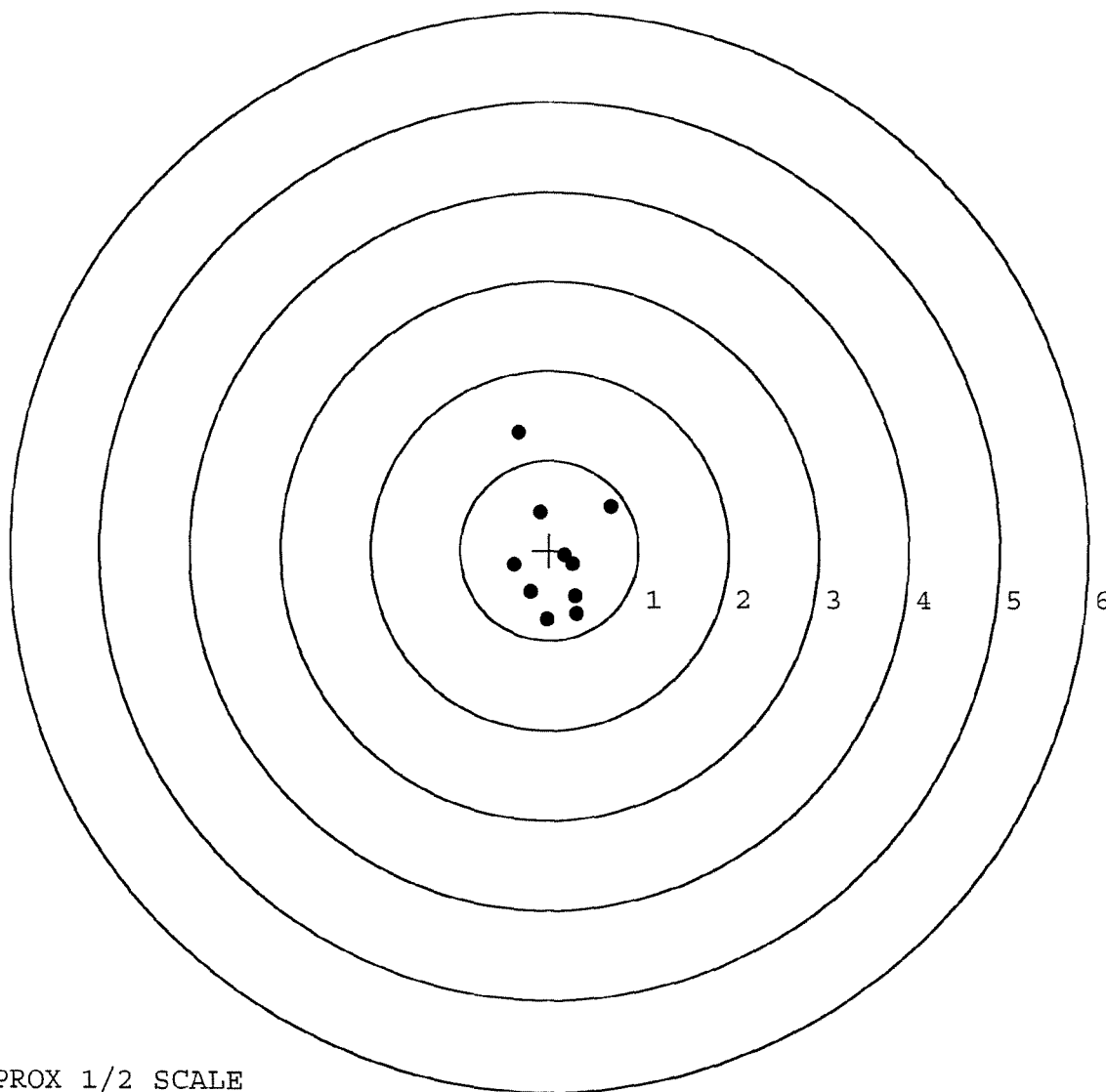
MAX RADIUS: 1.435

MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

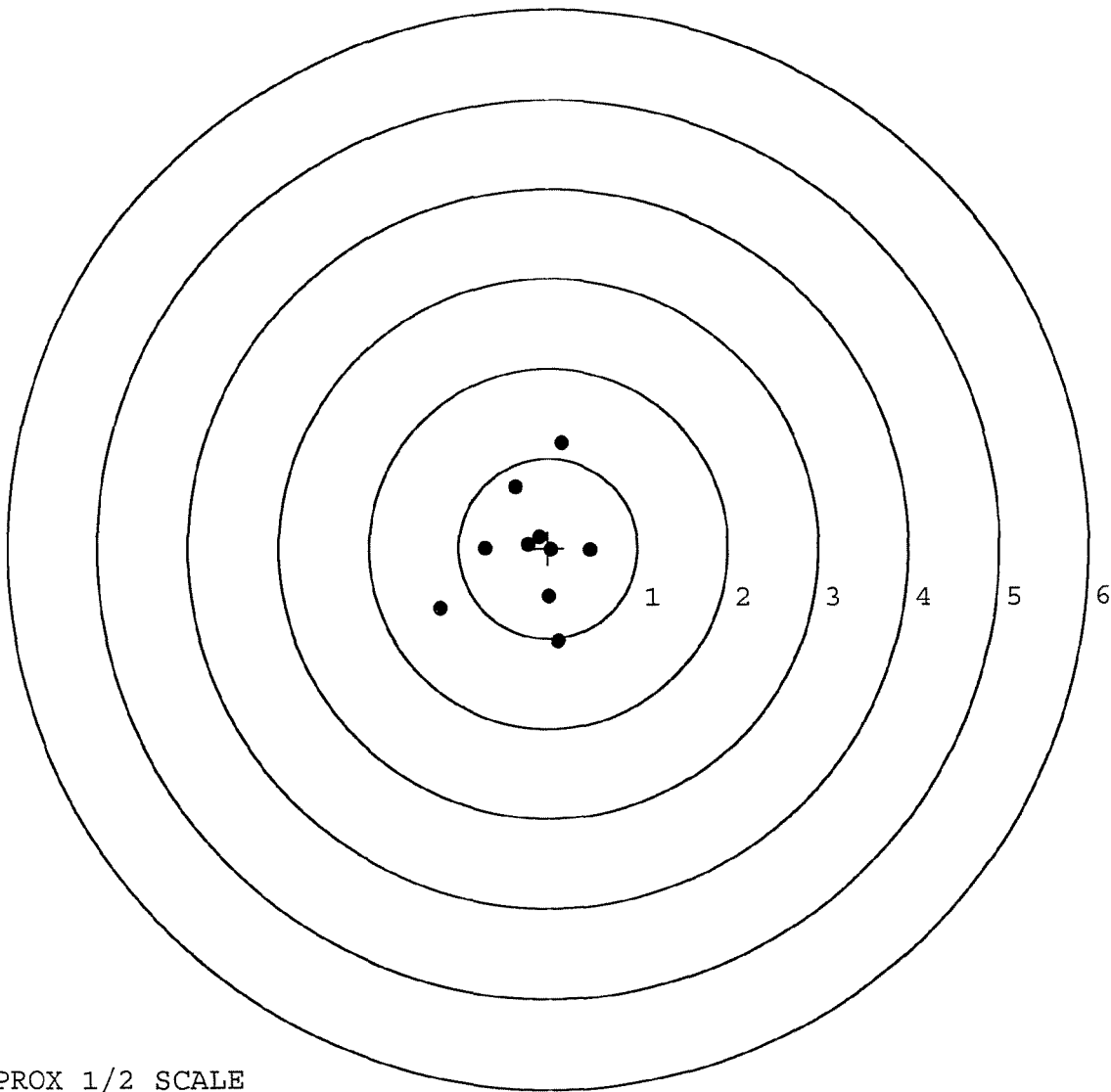


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. __0
TARGET NUMBER: 5
FILE DATE: 07/19/2007
FILE TIME: 23:09

X CENTROID: -0.180
Y CENTROID: -0.027
POA TO CENTROID: 0.182
HORZ SPREAD: 1.684
VERT SPREAD: 2.205
GROUP SPREAD: 2.296
MIN RADIUS: 0.084
MAX RADIUS: 1.245
MEAN RADIUS: 0.645
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.162	1.170
2:	-0.361	0.686
3:	-0.222	0.046
4:	0.035	-0.026
5:	-0.706	0.006
6:	0.010	-0.542
7:	0.476	-0.023
8:	0.114	-1.035
9:	-1.208	-0.672
10:	-0.099	0.123



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		<u>00130510</u>	
SERIAL NUMBER		<u>C 6611783</u>	
LOG-IN DATE		<u>6-25-07</u>	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-25-07	RTD
505	RE-BARREL	6-28-07	RTD
560	ASSEMBLE	7-9-07	RTZ
600	PROOF	7-10-07	TRW
605	CHECK HEADSPACE	7-10-07	TRW
610	DIS-ASSEMBLE GUN	7-11-07	RTZ
612	MAGNAFLUX	7-11-07	unus
510	DRILL AND TAP	7-11-07	SD
615	ROLLMARK CALIBER	7-12-07	CW
618	ROTO-BLAST	7-12-07	LB
620	APPLY COATINGS	7-13-07	PB
625	FINAL ASSEMBLY	7-19-07	RTD
640	FUNCTION TEST AND	PASS FAIL	7-19-07
650	TARGET	PASS FAIL	7-19-07
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-19-07	SD
	A) HEADSPACE	PASS FAIL	7-20-07
	B) TRIGGER PULL	2.90 2.94 2.91 2.94 2.93	7-20-07
680	F) SAFETY ON FORCE	4.5 4.5 4.5	7-20-07
	G) SAFETY OFF FORCE	2.5 2.5 2.5	7-20-07
690	I) FIRING PIN INDENT	1.022 0.21 0.021	7-20-07
	PACK		

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: **RE00034896** Serial: C6611783 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/1/01 8:40:57 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: C CO 2/3RD SFGA C CO 2/3RD SFGA

Address 1: 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 Estimates 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
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Repair Search Refresh Close

Start | Inbox - M | Calendar | Microsoft | NJBGS C | Arms S... | 9:50 AM

Serial Number: **C6611783**

Model: **700**



RE00034896

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611783. __0
FILE DATE AND TIME: 11/20/2001 09:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.092
The Average Y Centroid of the Five Target Set:	0.010
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	1.014
The Distance from POA to Centroid Target #1:	0.099
The Distance from Centroid Target #2 to Centroid Target #1:	0.062
The Distance from Centroid Target #3 to Centroid Target #1:	0.420
The Distance from Centroid Target #4 to Centroid Target #1:	0.260
The Distance from Centroid Target #5 to Centroid Target #1:	0.318

SERIAL NUMBER: C6611783.0

TARGET NUMBER: 1

FILE DATE: 11/20/2001

FILE TIME: 09:42

X CENTROID: -0.098

Y CENTROID: 0.013

POA TO CENTROID: 0.099

HORZ SPREAD: 1.799

VERT SPREAD: 2.747

GROUP SPREAD: 2.703

MIN RADIUS: 0.232

MAX RADIUS: 1.536

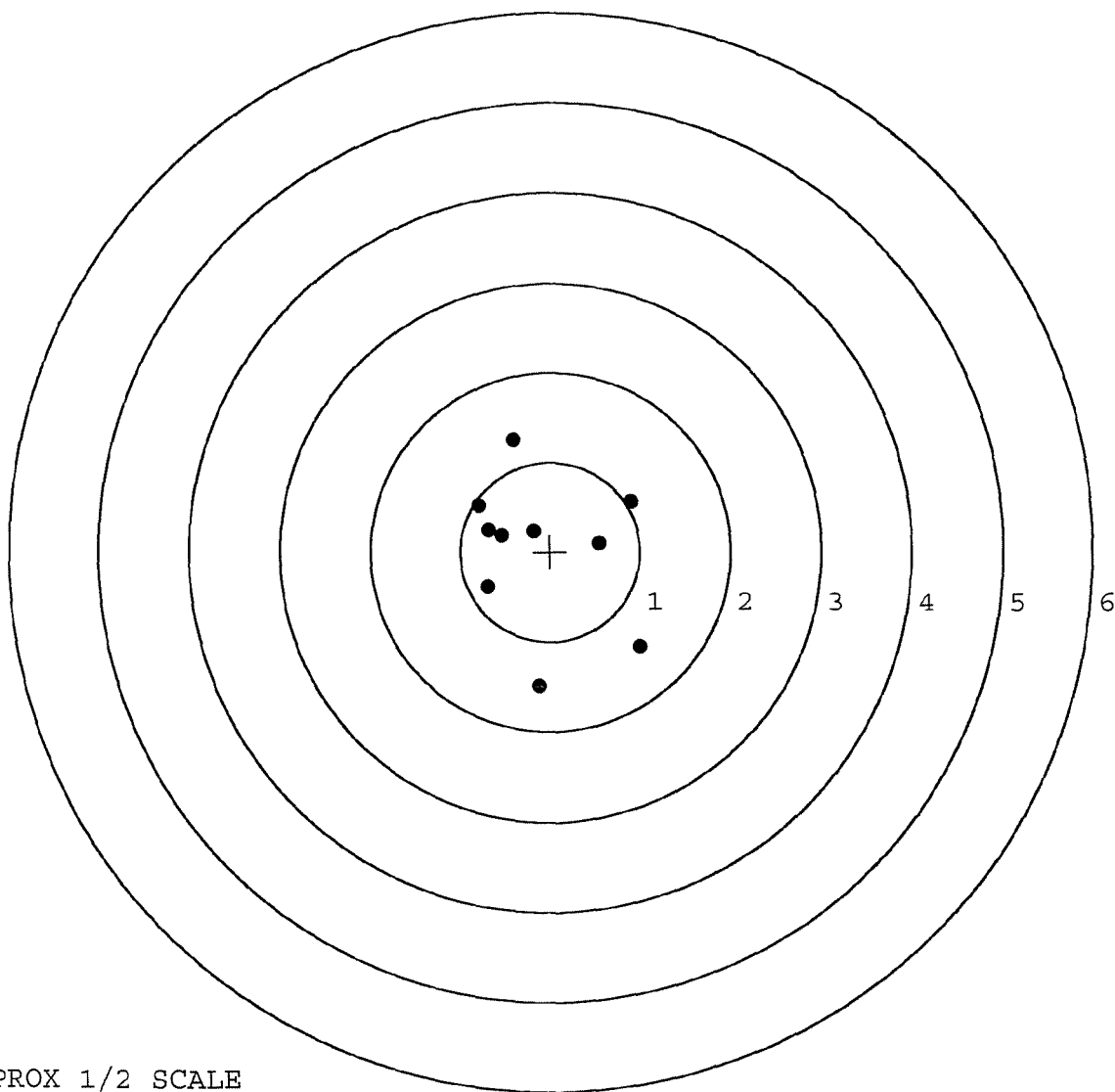
MEAN RADIUS: 0.903

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.414	1.244
2:	0.896	0.562
3:	0.549	0.106
4:	1.002	-1.059
5:	-0.120	-1.503
6:	-0.186	0.228
7:	-0.535	0.184
8:	-0.691	-0.395
9:	-0.686	0.246
10:	-0.797	0.520

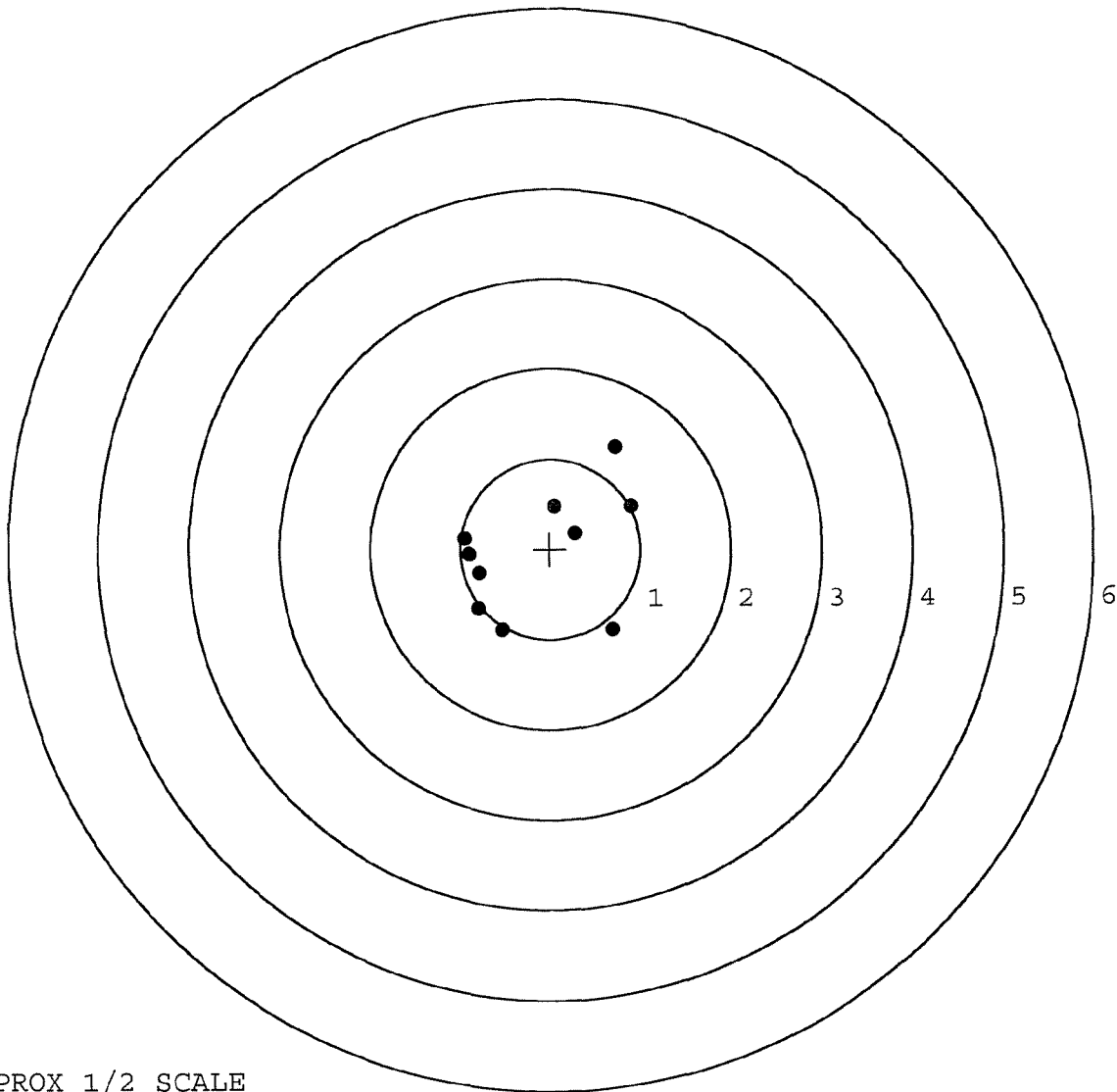


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. __0
TARGET NUMBER: 2
FILE DATE: 11/20/2001
FILE TIME: 09:42

X CENTROID: -0.133
Y CENTROID: -0.038
POA TO CENTROID: 0.139
HORZ SPREAD: 1.846
VERT SPREAD: 2.023
GROUP SPREAD: 2.386
MIN RADIUS: 0.468
MAX RADIUS: 1.450
MEAN RADIUS: 0.895
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.730	1.127
2:	0.897	0.478
3:	0.687	-0.894
4:	0.283	0.176
5:	0.047	0.476
6:	-0.535	-0.896
7:	-0.801	-0.654
8:	-0.791	-0.262
9:	-0.900	-0.054
10:	-0.949	0.123



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. 0

TARGET NUMBER: 3

FILE DATE: 11/20/2001

FILE TIME: 09:42

POINT#	X	Y
1:	-0.109	1.672
2:	-0.046	0.808
3:	-1.179	1.449
4:	-0.171	-0.487
5:	-1.031	-0.928
6:	0.397	-1.656
7:	1.077	-1.592
8:	1.192	0.310
9:	1.392	0.059
10:	1.660	-0.018

X CENTROID: 0.318

Y CENTROID: -0.038

POA TO CENTROID: 0.320

HORZ SPREAD: 2.839

VERT SPREAD: 3.328

GROUP SPREAD: 3.786

MIN RADIUS: 0.664

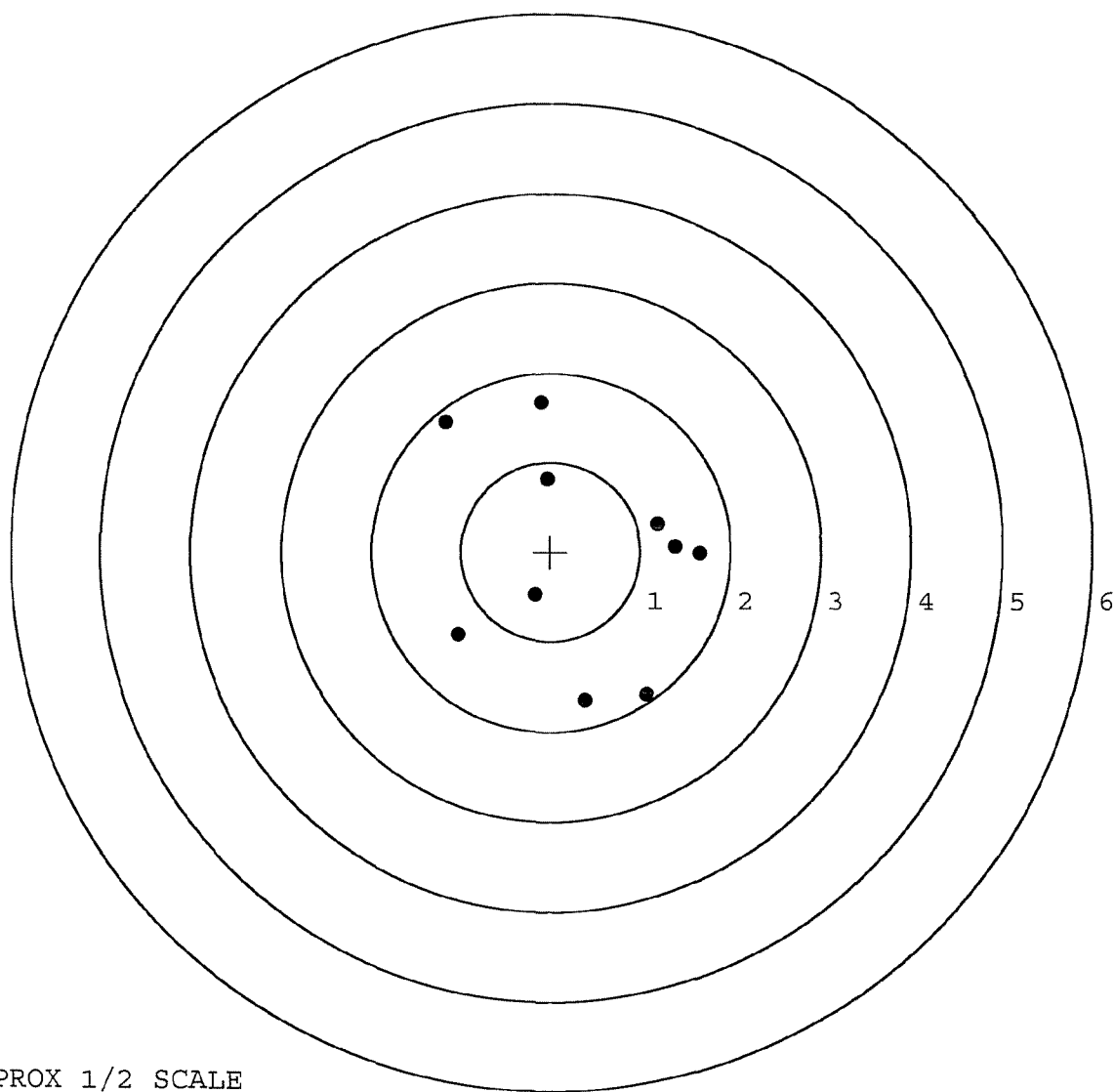
MAX RADIUS: 2.110

MEAN RADIUS: 1.378

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 5

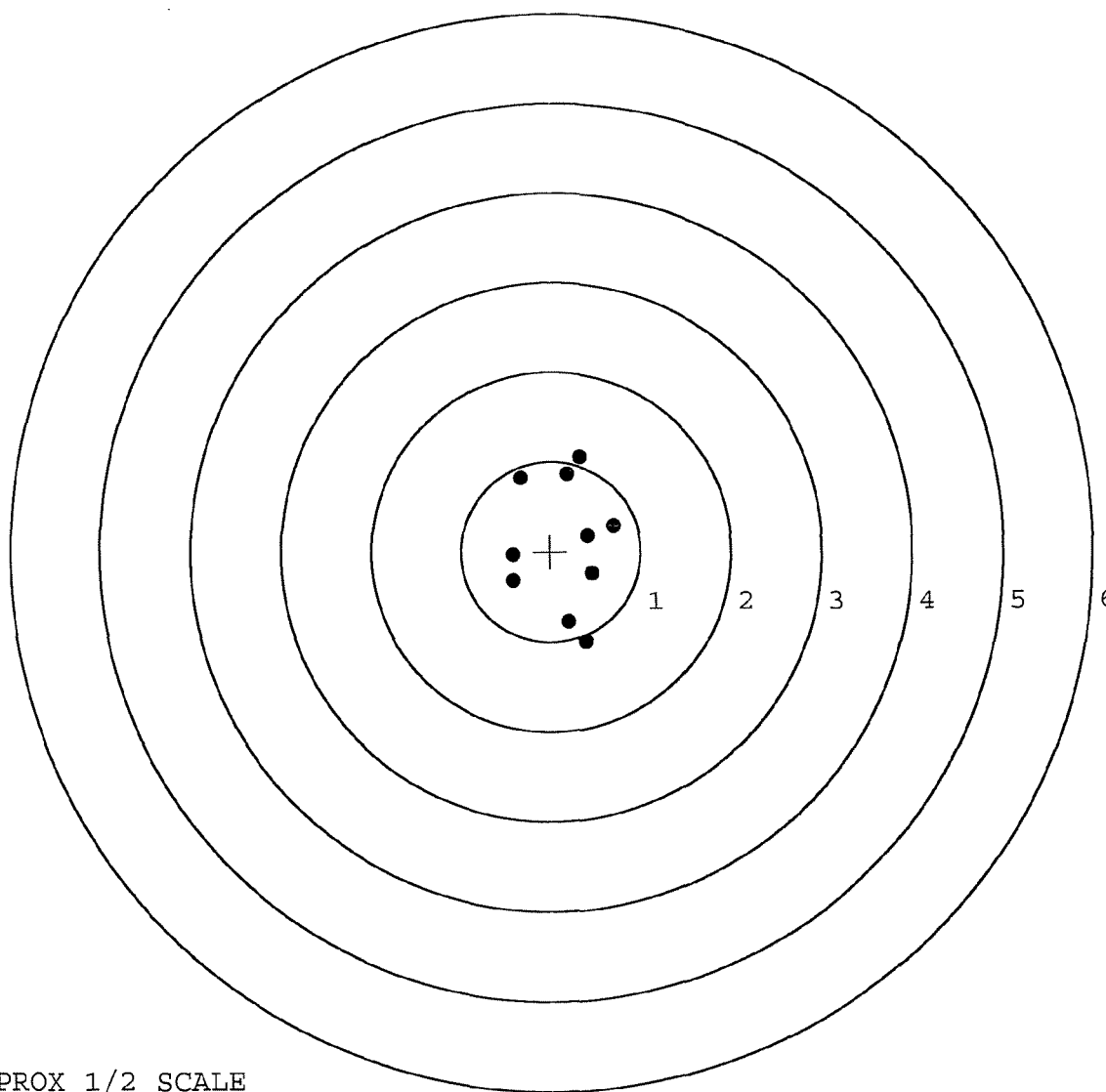


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783. __0
TARGET NUMBER: 4
FILE DATE: 11/20/2001
FILE TIME: 09:42

X CENTROID: 0.153
Y CENTROID: 0.080
POA TO CENTROID: 0.173
HORZ SPREAD: 1.114
VERT SPREAD: 2.054
GROUP SPREAD: 2.055
MIN RADIUS: 0.279
MAX RADIUS: 1.110
MEAN RADIUS: 0.721
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.394	-1.003
2:	0.202	-0.780
3:	0.461	-0.246
4:	0.415	0.175
5:	0.700	0.281
6:	0.332	1.051
7:	0.187	0.859
8:	-0.334	0.820
9:	-0.414	-0.036
10:	-0.414	-0.321

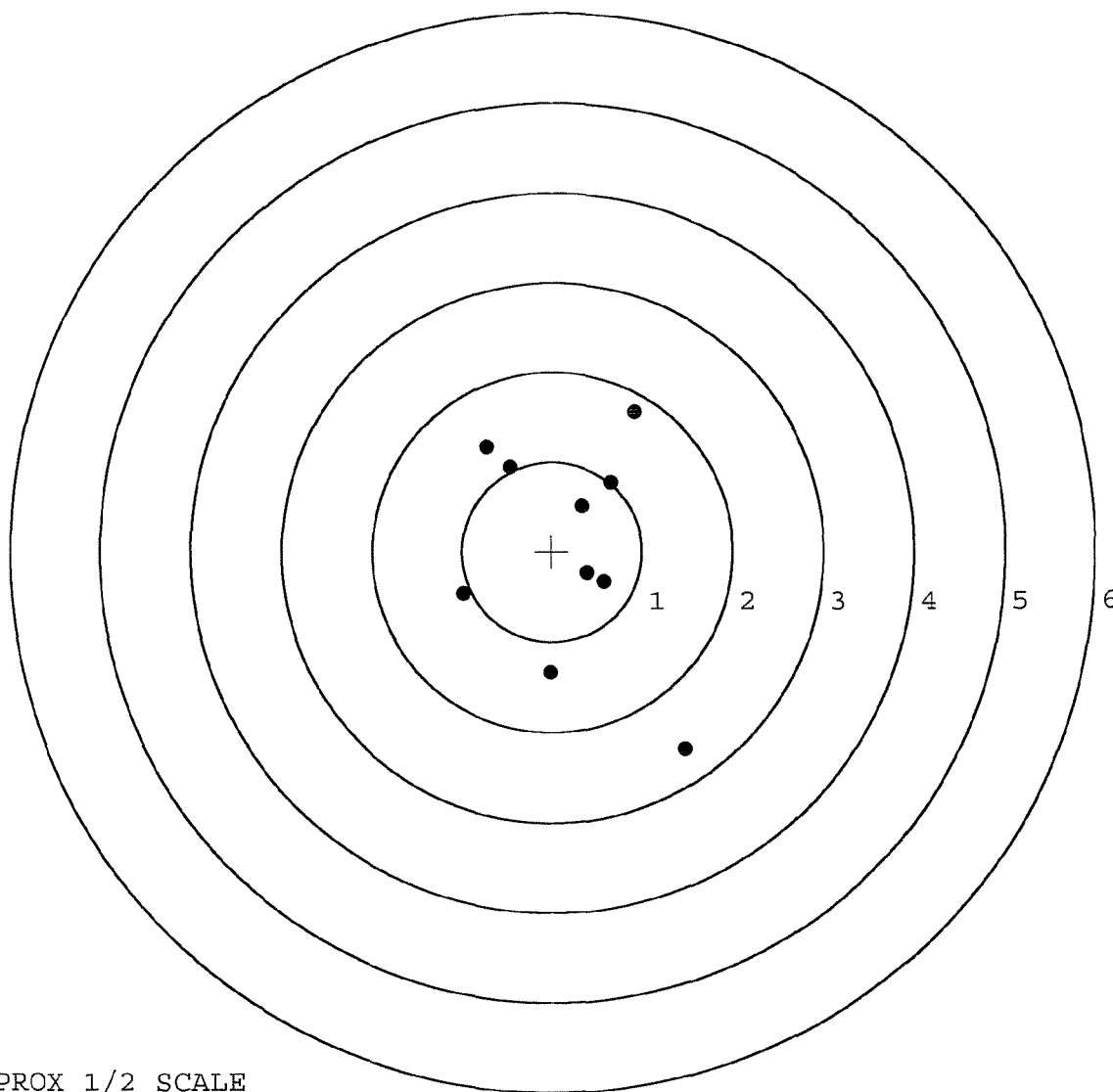


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611783.___0
TARGET NUMBER: 5
FILE DATE: 11/20/2001
FILE TIME: 09:42

X CENTROID: 0.219
Y CENTROID: 0.035
POA TO CENTROID: 0.221
HORZ SPREAD: 2.464
VERT SPREAD: 3.742
GROUP SPREAD: 4.022
MIN RADIUS: 0.326
MAX RADIUS: 2.562
MEAN RADIUS: 1.173
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.918	1.548
2:	-0.463	0.942
3:	-0.725	1.170
4:	-0.984	-0.467
5:	-0.016	-1.347
6:	1.480	-2.194
7:	0.584	-0.337
8:	0.400	-0.235
9:	0.338	0.504
10:	0.654	0.770



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6611783

DATE REC'D: 11/11/01

DATE RET'D: 11/28/01

AUDITOR: RH

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:

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

R & E NUMBER	34896		
SERIAL NUMBER	C661783		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		RW
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	11/12	Ⓟ
618	ROTO-BLAST	11/14	R
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY	11-20-01	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-20-01	RW
655	FINAL INSPECT	11-28-01	RL
660	PACK	11-28-01	DA
		SHIP DATE	
	QAR INSPECTION DATE		



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

MODEL 700™ M24

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

20

SERIAL NO.
C6611783

ORDER NO.
5716


5716 C6611783

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611783

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		11	KR
615	Rollmark Caliber		11	LS
617	Drill and Tap Sight Holes	2 2	91	EB
618	Polish Barrel <i>RBB</i>	2 2	91	WB
620	Apply Coatings (Barrel Action)		2-11-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/12/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/12/91	KS
	C) Inspect Ejector Hole for Chamfer		2/12/91	KS
	D) Oil Firing Pin Ass'y		2/12/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		2/13/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	4 $\frac{3}{4}$	4 $\frac{3}{4}$			2/17/91	WB
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$			2/17/91	WB
	H) Trigger Pull Test & Retainability						2/13/91	JK
	I) Firing Pin Indent	.0205	.0213	.021			2/13/91	WB
	J) Assemble Stock						2/15/91	KA
	K) Assemble Swivel Studs						2-26-91	KA
	L) Attach Front and Rear Sight Assemblies						2/15/91	KA
	M) Iron Sight Alignment						2/15/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/15/91	KA
	O) Attach Scope to Rifle						2/15/91	KA
	P) Detach & Attach Scope 20 Times						2/15/91	KA
640	Gallery Target & Test						2-15-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						2-15-91	AF
655	Final Inspection							
	A) Headspace						2-26-91	KA
	B) Trigger Pull	2.31	2.30	2.30	2.30	2.28	2/22/91	JK
	C) Function						2-26-91	AC
660	Pack						3-14-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611783

DATE 2/13/91

TESTER JCH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.29	2.28	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.37	2.30	2.30	
PULL #3	2.54	2.33	2.30	2.30	
PULL #4	2.51	2.31	2.38	2.30	
PULL #5	2.46	2.31	2.31	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.26		
PULL #2	3.33	3.24		
PULL #3	3.32	3.28		
PULL #4	3.31	3.20		
PULL #5	3.30	3.15		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.43		4.25
PULL #2	4.36	4.59		4.28
PULL #3	4.36	4.50		4.32
PULL #4	4.50	4.44		4.40
PULL #5	4.37	4.50		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611783
15 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.0382753
1 TO	2	.209402
1 TO	3	.129769
1 TO	4	.304463
1 TO	5	.248294

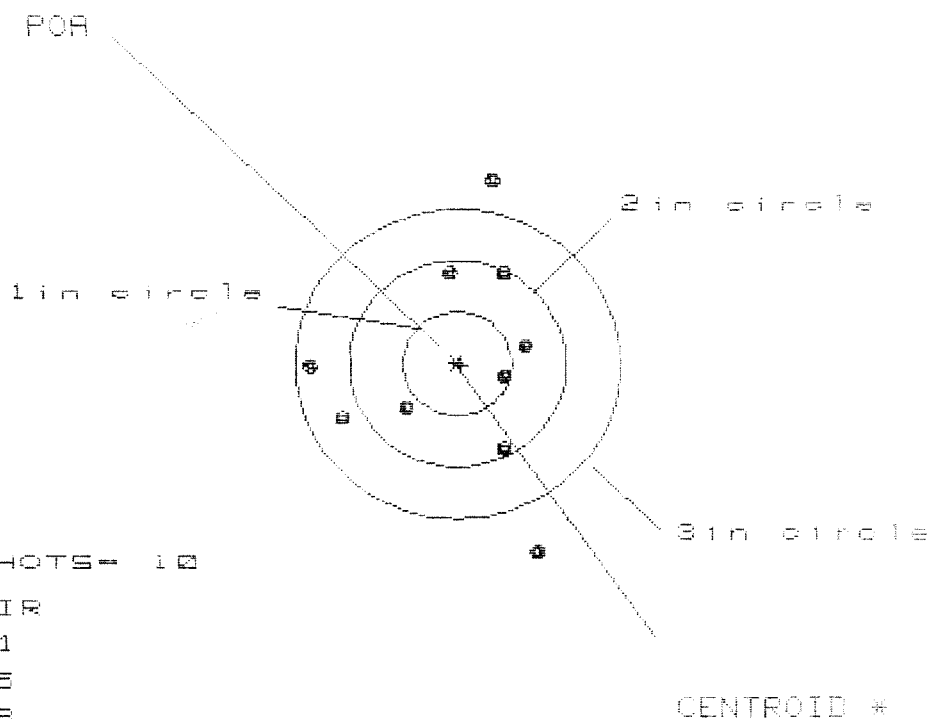
2d <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0164
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0213054
THE AMR FOR THIS RIFLE IS: 1.029

15 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611703

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.084

VS = 3.568

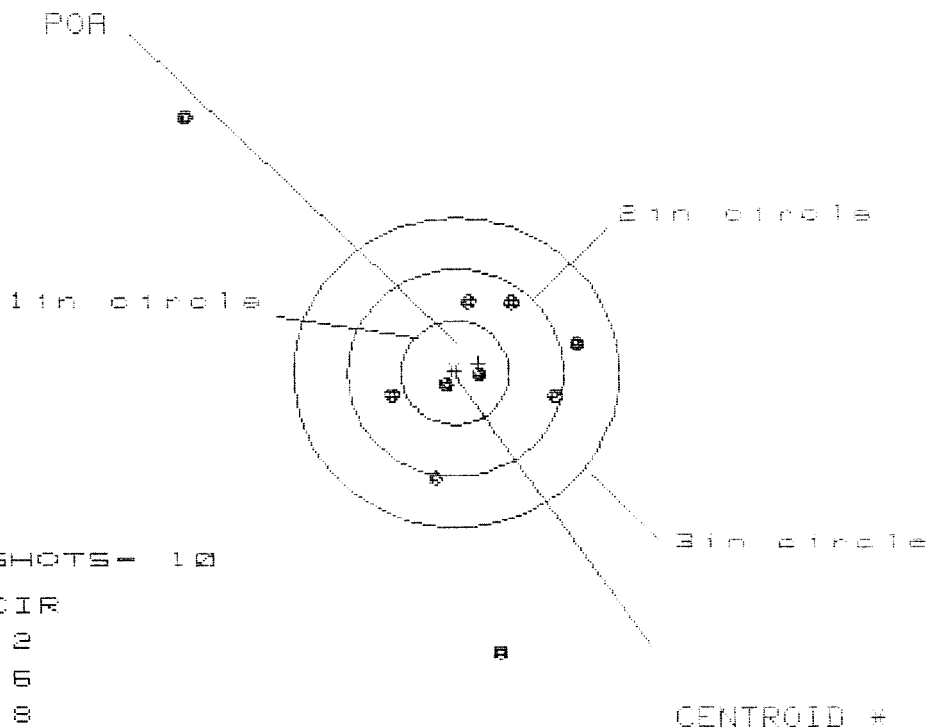
GS = 3.582

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.685	.697	.752
MINIMUM X	-1.399	-1.323	-1.268
MAXIMUM Y	1.770	1.571	.921
MINIMUM Y	-1.798	-1.057	-.861
CENTROID X	-.032	-.108	-.163
CENTROID Y	.021	.220	.024
POA TO CENTROID in.	.038	.245	.165
MIN RADIUS	.433	.585	.548
MEAN RADIUS	1.091	.996	.904
MAX RADIUS	1.924	1.632	1.269
HORIZONTAL SPREAD	2.084	2.020	2.020
VERTICAL SPREAD	3.568	2.628	1.782
EXTREME SPREAD	3.582	2.702	2.107
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 3.594

VS= 5.195

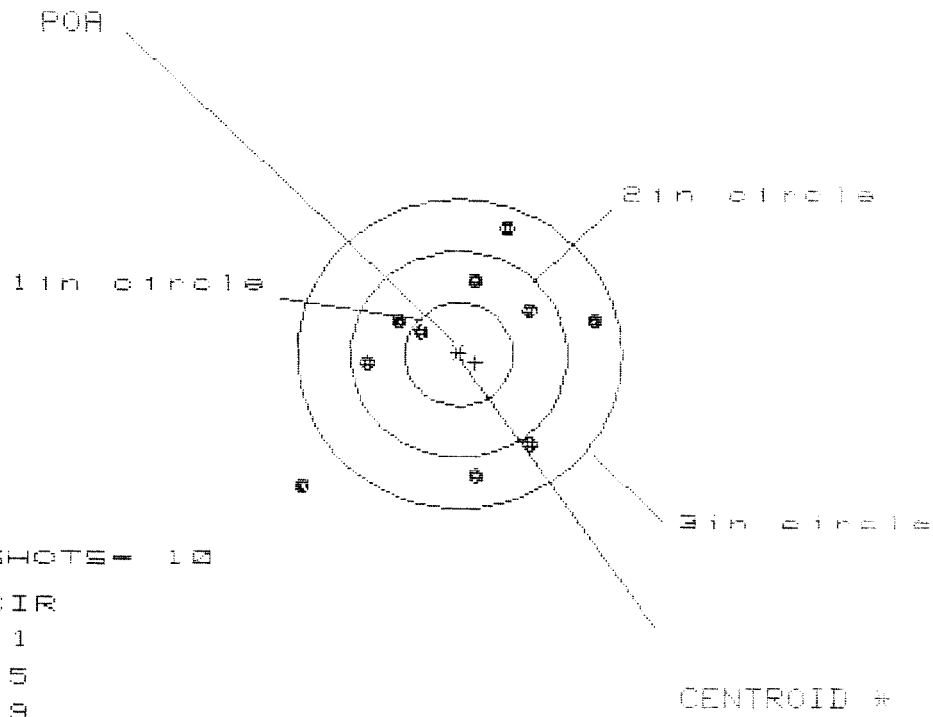
GS= 5.941

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.156	.886	.907
MINIMUM X	-2.438	-.855	-.834
MAXIMUM Y	2.466	.994	.687
MINIMUM Y	-2.729	-2.455	-1.031
CENTROID X	-.212	.058	.037
CENTROID Y	-.086	-.360	-.053
POA TO CENTROID in.	.229	.365	.065
MIN RADIUS	.149	.314	.056
MEAN RADIUS	1.192	.954	.684
MAX RADIUS	3.467	2.461	1.116
HORIZONTAL SPREAD	3.594	1.741	1.741
VERTICAL SPREAD	5.195	3.449	1.718
EXTREME SPREAD	5.941	3.462	1.878
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.680

VS= 2.501

GS= 3.128

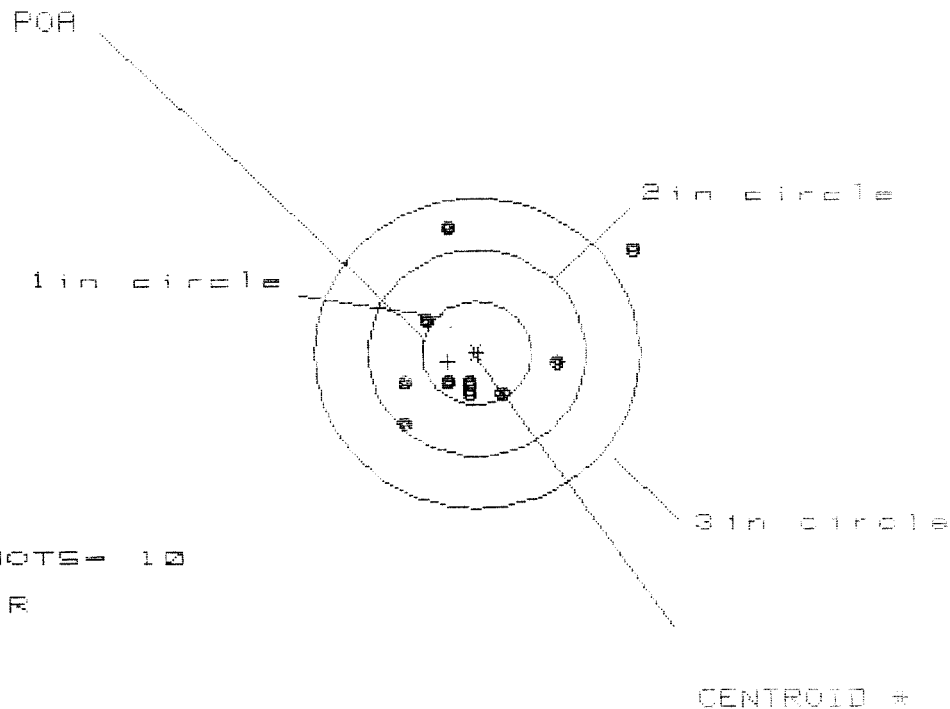
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.073	1.107
MINIMUM X	:	-1.446	-.999	-.965
MAXIMUM Y	:	1.272	1.136	.773
MINIMUM Y	:	-1.229	-1.347	-1.265
CENTROID X	:	-.150	.011	-.023
CENTROID Y	:	.075	.211	.069
POA TO CENTROID in.	:	.167	.212	.073
MIN RADIUS	:	.461	.538	.575
MEAN RADIUS	:	1.030	.913	.887
MAX RADIUS	:	1.898	1.347	1.207
HORIZONTAL SPREAD	:	2.680	2.072	2.072
VERTICAL SPREAD	:	2.501	2.483	1.978

EXTREME SPREAD : 3.128 2.495 2.189
NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 9

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 8

HS= 2.128

VS= 1.985

GS= 2.712

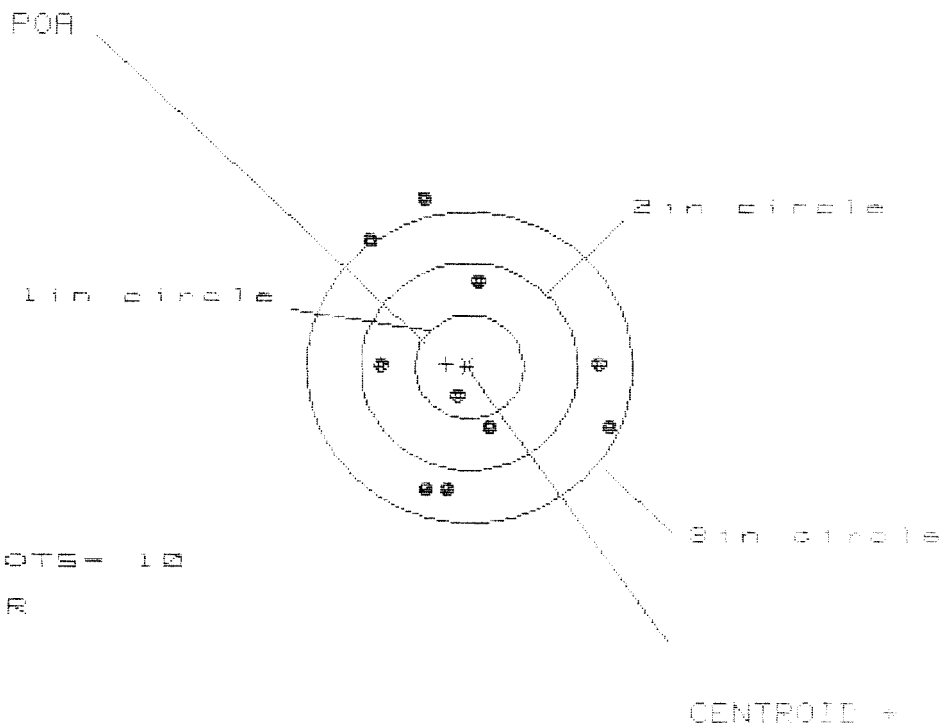
PATTERN # : 4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.461	.931	.922
MINIMUM X	:	-.667	-.585	-.514
MAXIMUM Y	:	1.195	1.386	.553
MINIMUM Y	:	-.718	-.599	-.436
CENTROID X	:	.265	.103	.112
CENTROID Y	:	.088	-.023	-.186
POA TO CENTROID in.	:	.279	.185	.217
MIN RADIUS	:	.298	.211	.128
MEAN RADIUS	:	.754	.582	.439
MAX RADIUS	:	1.766	1.388	.939
HORIZONTAL SPREAD	:	2.128	1.436	1.436
VERTICAL SPREAD	:	1.985	1.985	.939
EXTREME SPREAD	:	2.712	1.950	1.546
NUMBER IN ONE INCH CIRCLE	=		4	
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 = 1

2 in = 4

3 in = 5

HS= 2.198

VS= 2.784

GS= 2.855

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.318	1.268	1.152
MINIMUM X	:	-0.880	-0.930	-0.971
MAXIMUM Y	:	1.602	1.405	1.180
MINIMUM Y	:	-1.182	-1.004	-0.839
CENTROID X	:	.211	.261	.377
CENTROID Y	:	-0.030	-0.208	-0.388
POA TO CENTROID in.	:	.213	.333	.537
MIN RADIUS	:	.260	.161	.254
MEAN RADIUS	:	1.079	.980	.870
MAX RADIUS	:	1.662	1.684	1.183
HORIZONTAL SPREAD	:	2.198	2.198	2.123
VERTICAL SPREAD	:	2.784	2.409	2.009
EXTREME SPREAD	:	2.855	2.855	2.214
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		