

C6611762

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: RE00165259 Serial: C6611762 Model: M24 SWS Center Fire Repairman: Status: Closed 3/31/2009 6:37:42 AM
 Verify Repair Caliber: 7.62 NATO

Address Information

Customer: Received From Return To: Received From
 Name: ODA 3214 ODA 3214
 Address 1: A 2/3 SFG (A) A 2/3 SFG (A)
 Address 2: BLDG E 1650 KUWAIT STREET PD Box: BLDG E 1650 KUWAIT STREET PD 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>1</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A008	With Swivel	1	A010	Hard Case	1	A045	Bi Pod	1	A057	Fit Sgt Base	1
Code	Desc	Qty																				
A007	With Stud	3																				
A008	With Swivel	1																				
A010	Hard Case	1																				
A045	Bi Pod	1																				
A057	Fit Sgt Base	1																				

Repair Search Refresh Close

naplel 3/31/2009 10:38 AM CAPS NUM INS SCPL

start 7 Micr... Arms Se... Part Se... THOMA... Search... SAP Log... 4 Micr... Document... 10:38 AM

Ammo pouch

Serial Number: **C6611762**
 Model: **M24 SWS**

RE00165259

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>1165252</u>			
SERIAL NUMBER <u>C6611762</u>			
LOG-IN DATE <u>3-31-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-4-09	RT
505	RE-BARREL	4-15-09	RT
420	ASSEMBLE	4-15-09	RT
440	PROOF	4-15-09	W/RT
460	CHECK HEADSPACE	4-15-09	W/RT
470	DIS-ASSEMBLE GUN	4-15-09	RT
480	MAGNAFLUX	4-18-09	(H)
510	DRILL AND TAP	4-15-09	SP
500	ROLLMARK CALIBER	4-20-09	RT
520	GOFF BLAST BBL / REC	4-21-09	Lim
530 & 540	APPLY COATINGS	4-21	
560	FINAL ASSEMBLY	4-23-09	RT
640	FUNCTION TEST AND	4-23-09	W/RT
650	TARGET	4-23-09	W/RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-24-09	W/RT
	A) HEADSPACE	4-24-09	W/RT
	B) TRIGGER PULL	4-24-09	W/RT
	F) SAFETY ON FORCE	4-24-09	W/RT
	G) SAFETY OFF FORCE	4-24-09	W/RT
	I) FIRING PIN INDENT	4-24-09	W/RT
690	PACK	4-24-09	W/RT

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611762.___0
FILE DATE AND TIME: 04/23/2009 14:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.035
The Average Y Centroid of the Five Target Set:	0.040
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.623
The Distance from POA to Centroid Target #1:	0.127
The Distance from Centroid Target #2 to Centroid Target #1:	0.391
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.368

SERIAL NUMBER: C6611762. __0

TARGET NUMBER: 1

FILE DATE: 04/23/2009

FILE TIME: 14:56

POINT#	X	Y
1:	1.042	-0.512
2:	0.774	-0.160
3:	0.915	-0.155
4:	0.317	-0.647
5:	0.351	-0.413
6:	0.081	-0.381
7:	-0.917	-0.290
8:	-0.703	0.212
9:	-0.176	0.447
10:	-1.211	0.724

X CENTROID: 0.047

Y CENTROID: -0.118

POA TO CENTROID: 0.127

HORZ SPREAD: 2.253

VERT SPREAD: 1.371

GROUP SPREAD: 2.570

MIN RADIUS: 0.266

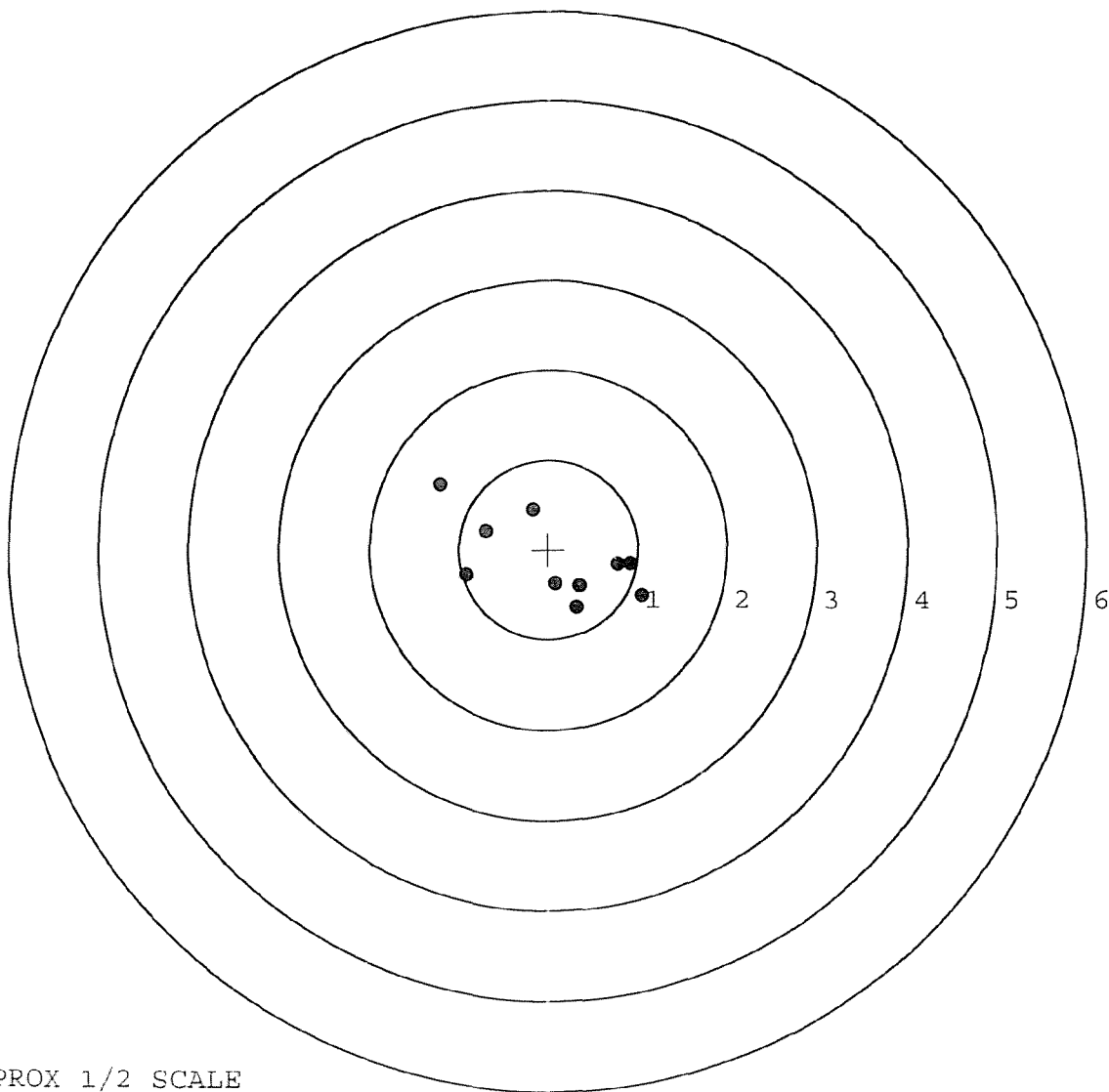
MAX RADIUS: 1.514

MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

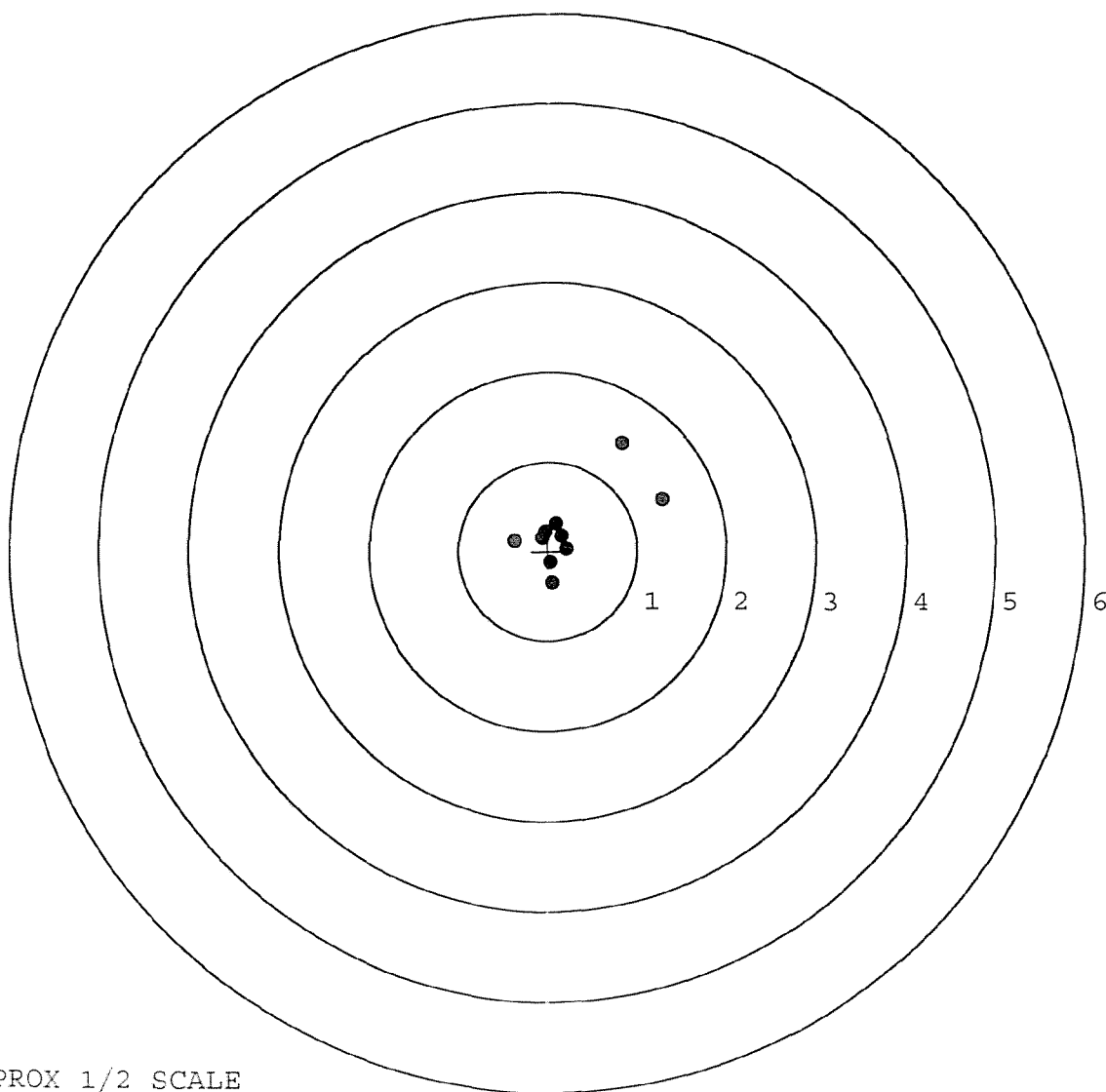


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762.___0
TARGET NUMBER: 2
FILE DATE: 04/23/2009
FILE TIME: 14:56

POINT#	X	Y
1:	0.211	0.029
2:	0.160	0.176
3:	0.097	0.318
4:	-0.032	0.224
5:	-0.376	0.126
6:	-0.064	0.158
7:	0.030	-0.126
8:	0.049	-0.359
9:	1.276	0.589
10:	0.830	1.207

X CENTROID: 0.218
Y CENTROID: 0.234
POA TO CENTROID: 0.320
HORZ SPREAD: 1.652
VERT SPREAD: 1.566
GROUP SPREAD: 1.750
MIN RADIUS: 0.082
MAX RADIUS: 1.149
MEAN RADIUS: 0.487
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

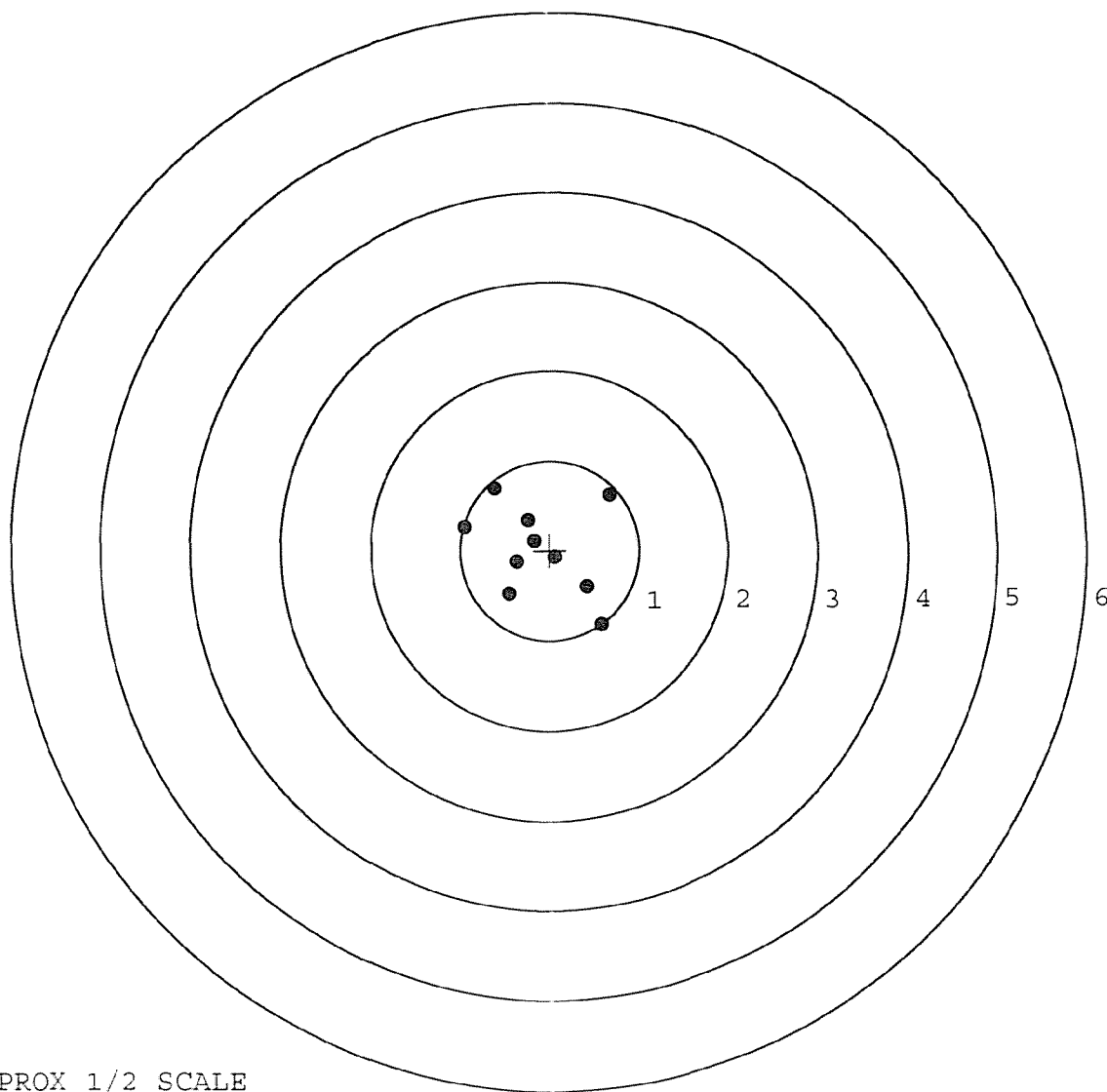


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762. 0
TARGET NUMBER: 3
FILE DATE: 04/23/2009
FILE TIME: 14:56

POINT#	X	Y
1:	0.576	-0.827
2:	0.414	-0.410
3:	0.669	0.617
4:	-0.454	-0.481
5:	-0.367	-0.132
6:	-0.173	0.110
7:	0.060	-0.077
8:	-0.236	0.346
9:	-0.618	0.690
10:	-0.947	0.266

X CENTROID: -0.108
Y CENTROID: 0.010
POA TO CENTROID: 0.108
HORZ SPREAD: 1.616
VERT SPREAD: 1.517
GROUP SPREAD: 1.931
MIN RADIUS: 0.119
MAX RADIUS: 1.081
MEAN RADIUS: 0.603
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

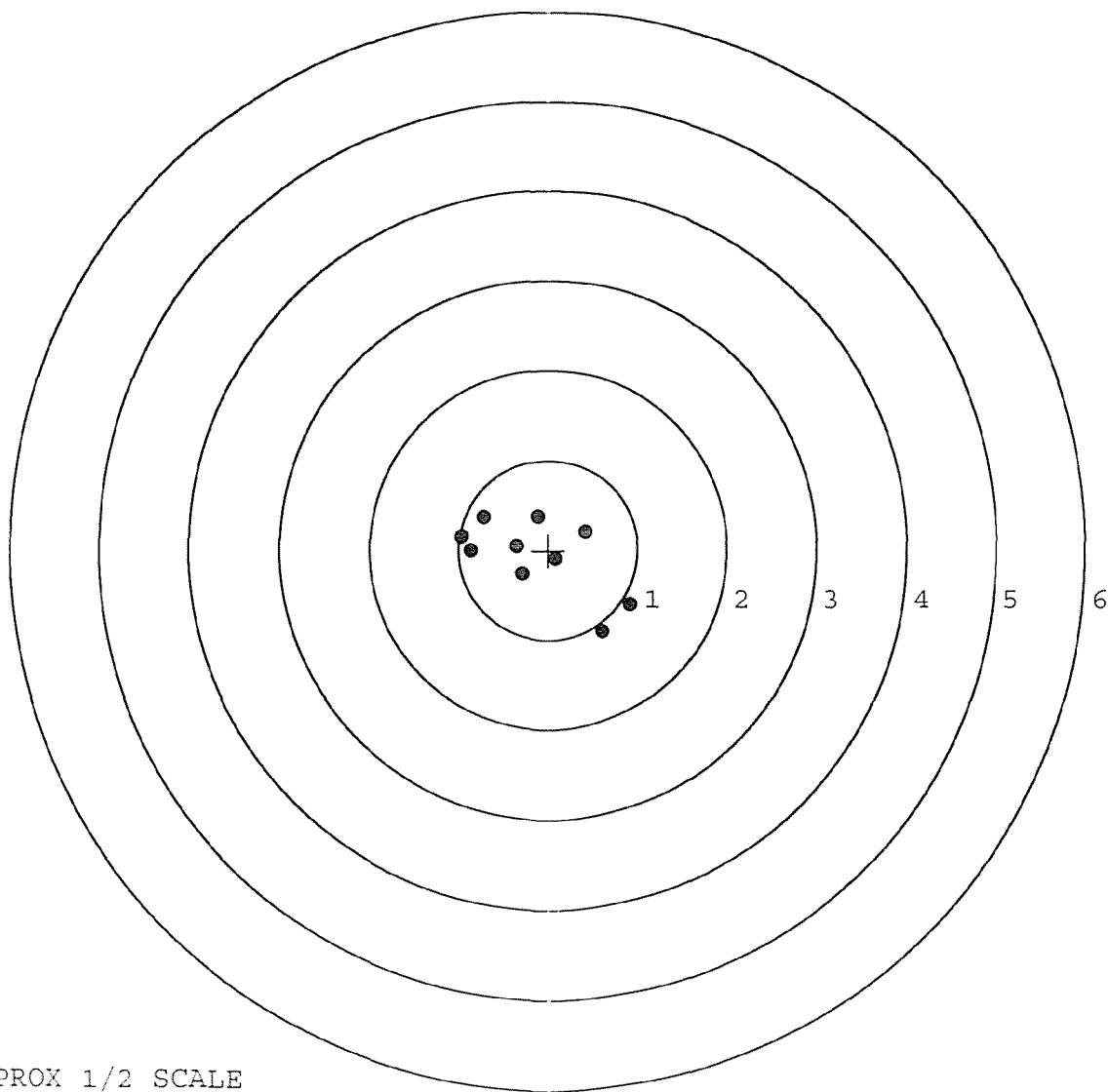


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762. __0
TARGET NUMBER: 4
FILE DATE: 04/23/2009
FILE TIME: 14:56

POINT#	X	Y
1:	-0.287	-0.267
2:	-0.353	0.045
3:	0.083	-0.094
4:	0.407	0.202
5:	-0.120	0.378
6:	-0.864	-0.012
7:	-0.970	0.152
8:	-0.726	0.364
9:	0.916	-0.616
10:	0.604	-0.917

X CENTROID: -0.131
Y CENTROID: -0.076
POA TO CENTROID: 0.152
HORZ SPREAD: 1.886
VERT SPREAD: 1.295
GROUP SPREAD: 2.036
MIN RADIUS: 0.215
MAX RADIUS: 1.178
MEAN RADIUS: 0.641
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

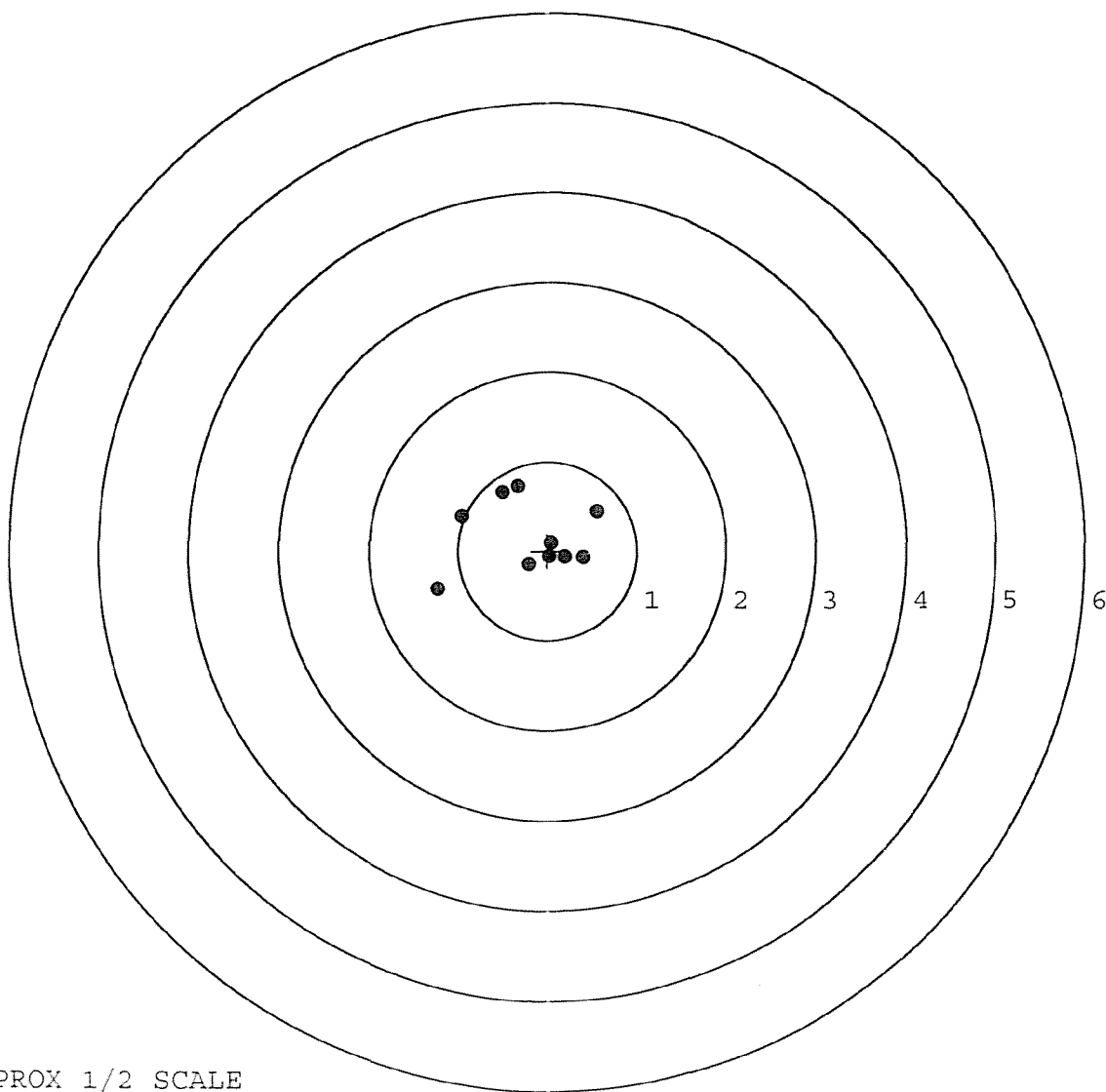


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762. 0
TARGET NUMBER: 5
FILE DATE: 04/23/2009
FILE TIME: 14:56

POINT#	X	Y
1:	0.404	-0.078
2:	0.197	-0.072
3:	0.024	-0.065
4:	-0.210	-0.149
5:	0.046	0.091
6:	0.548	0.442
7:	-0.338	0.730
8:	-0.512	0.661
9:	-0.957	0.390
10:	-1.233	-0.431

X CENTROID: -0.203
Y CENTROID: 0.152
POA TO CENTROID: 0.254
HORZ SPREAD: 1.781
VERT SPREAD: 1.161
GROUP SPREAD: 1.983
MIN RADIUS: 0.256
MAX RADIUS: 1.183
MEAN RADIUS: 0.595
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



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: **RE00034882** Serial: C6611762 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/1/01 7:52:21 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: PG Box: PG Box:

City: FORT BRAGG FORT BRAGG

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

FEL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information:

Phone: Fax: Email: Comments:

Received Condition:

Poor

Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

11/1/01 9:47 AM COPS NUM 1.5 5.11

Start Inbox - M... Calendar Microsoft... NJBGS C... Arms S...

Serial Number: **C6611762**

Model: **700**



RE00034882

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611762.__0
FILE DATE AND TIME: 11/20/2001 09:33

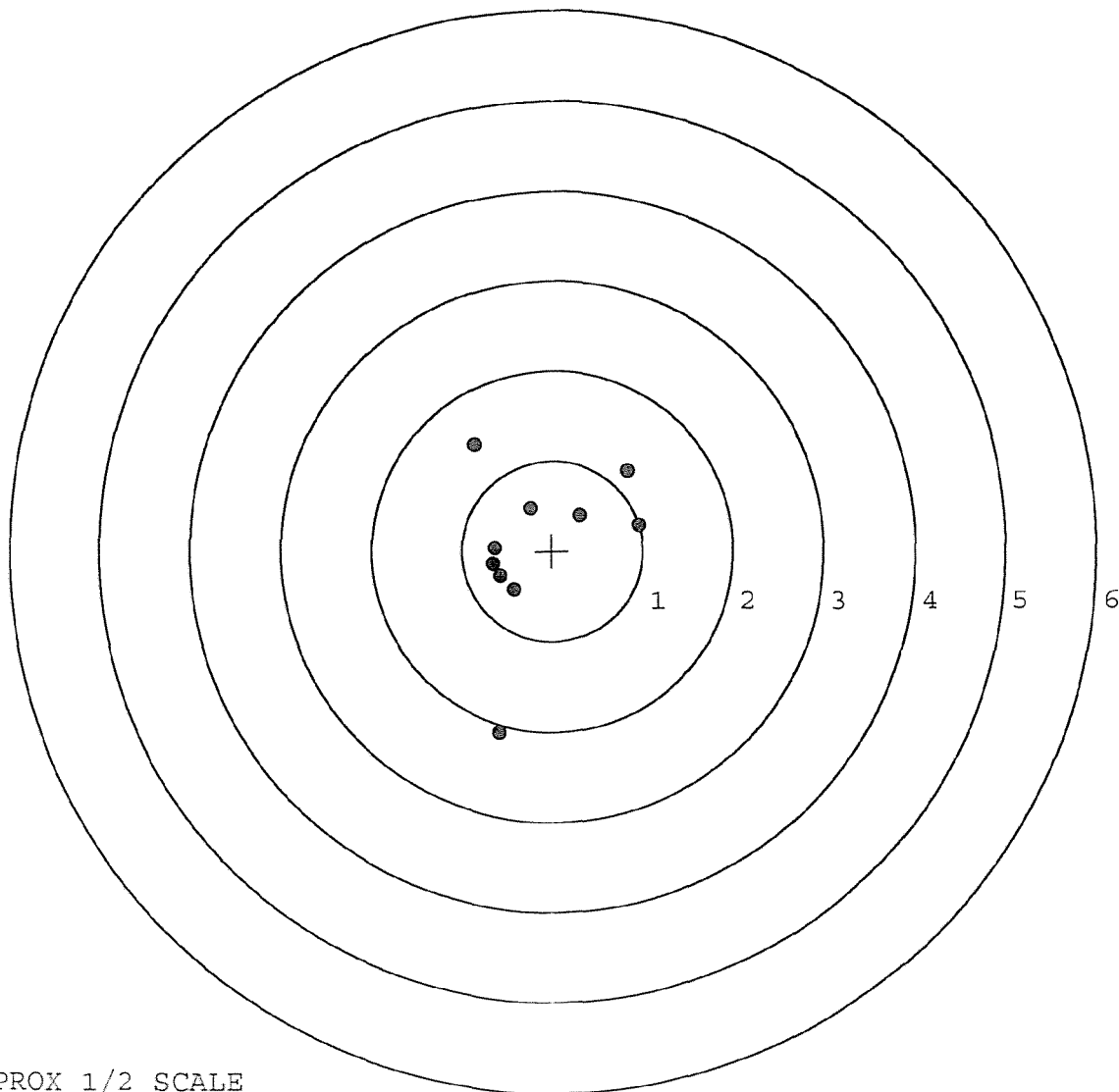
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	0.129
The Average Point of Impact of the Five Target Set:	0.137
The Average Mean Radius of the Five Target Set:	0.972
The Distance from POA to Centroid Target #1:	0.353
The Distance from Centroid Target #2 to Centroid Target #1:	0.269
The Distance from Centroid Target #3 to Centroid Target #1:	0.458
The Distance from Centroid Target #4 to Centroid Target #1:	0.260
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: C6611762. __0
TARGET NUMBER: 1
FILE DATE: 11/20/2001
FILE TIME: 09:33

POINT#	X	Y
1:	0.830	0.892
2:	0.837	0.890
3:	0.954	0.290
4:	-0.861	1.174
5:	-0.863	1.174
6:	-0.858	1.174
7:	-0.245	0.477
8:	0.303	0.389
9:	-0.589	-2.008
10:	-0.423	-0.432
11:	-0.636	0.039
12:	-0.659	-0.146
13:	-0.577	-0.274

X CENTROID: -0.214
Y CENTROID: 0.280
POA TO CENTROID: 0.353
HORZ SPREAD: 1.817
VERT SPREAD: 3.182
GROUP SPREAD: 3.230
MIN RADIUS: 0.199
MAX RADIUS: 2.318
MEAN RADIUS: 0.958
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 12

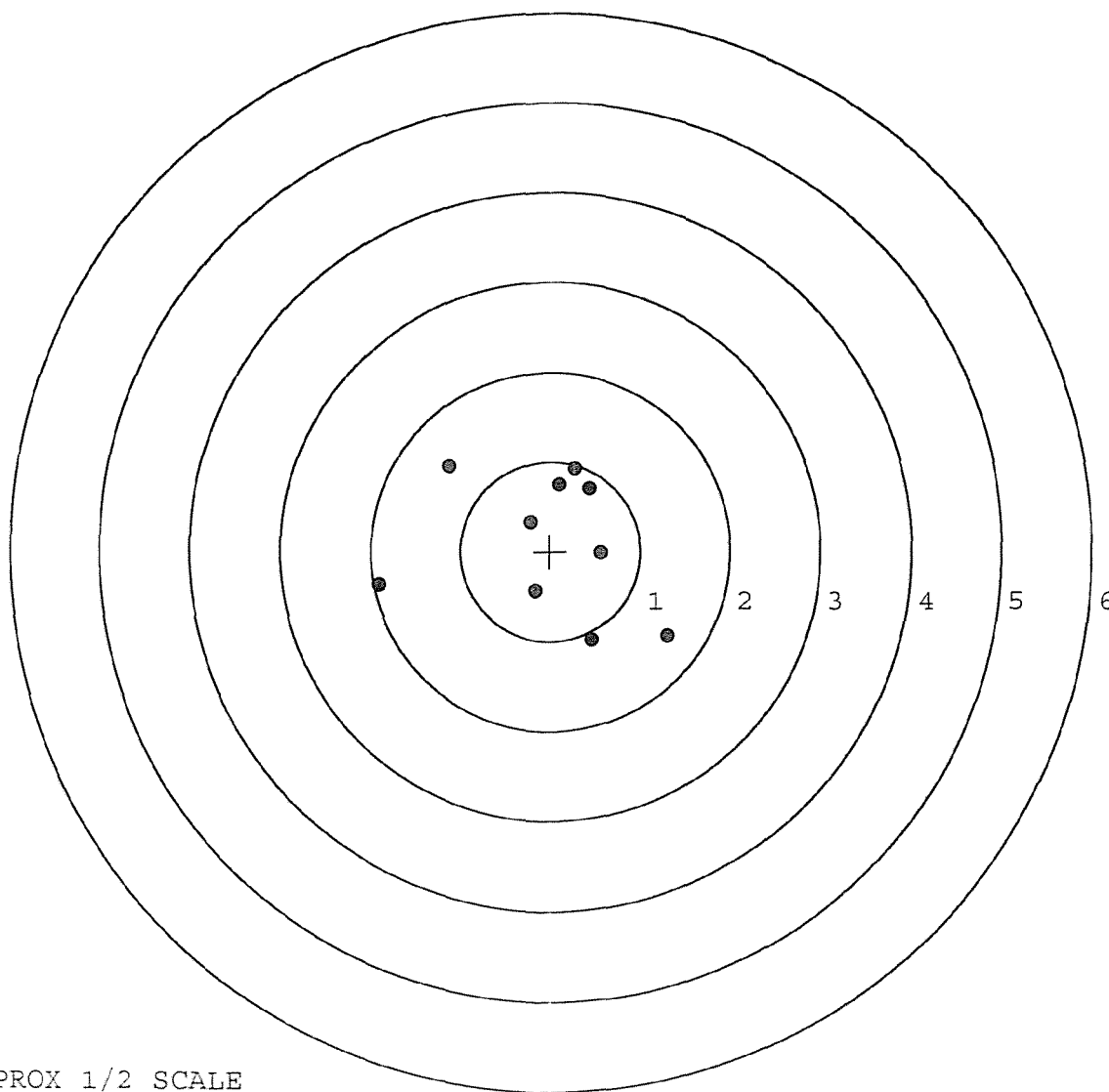


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762. __0
TARGET NUMBER: 2
FILE DATE: 11/20/2001
FILE TIME: 09:33

POINT#	X	Y
1:	0.277	0.923
2:	0.437	0.694
3:	0.102	0.740
4:	-1.124	0.950
5:	-0.225	0.328
6:	-1.907	-0.378
7:	-0.170	-0.441
8:	0.562	-0.025
9:	0.464	-0.991
10:	1.300	-0.942

X CENTROID: -0.028
Y CENTROID: 0.086
POA TO CENTROID: 0.090
HORZ SPREAD: 3.207
VERT SPREAD: 1.941
GROUP SPREAD: 3.256
MIN RADIUS: 0.312
MAX RADIUS: 1.935
MEAN RADIUS: 0.998
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

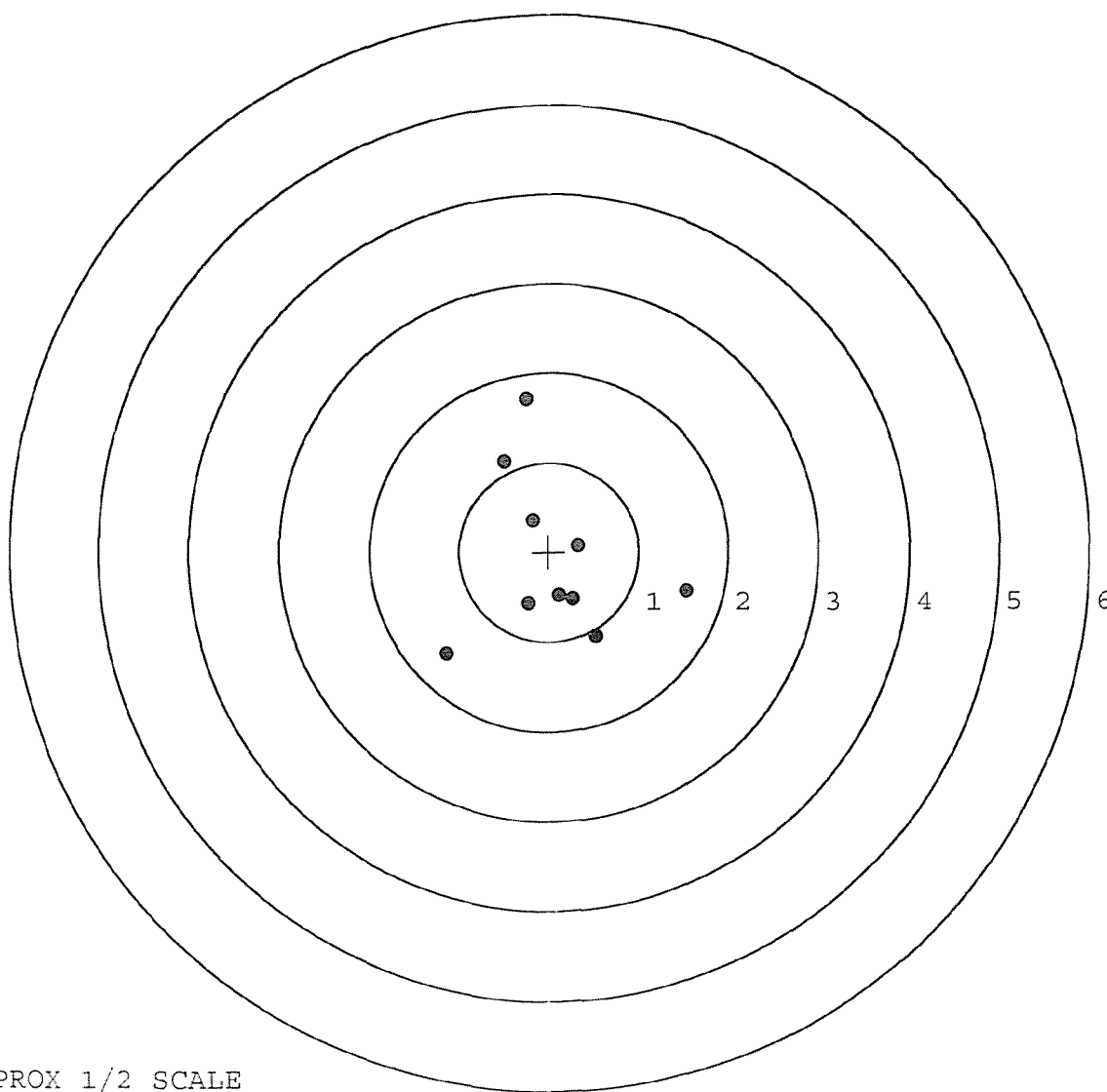


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762.___0
TARGET NUMBER: 3
FILE DATE: 11/20/2001
FILE TIME: 09:33

POINT#	X	Y
1:	-0.256	1.707
2:	-0.499	1.016
3:	-0.182	0.358
4:	0.333	0.073
5:	-1.136	-1.141
6:	-0.231	-0.578
7:	0.120	-0.488
8:	0.525	-0.942
9:	1.528	-0.437
10:	0.272	-0.527

X CENTROID: 0.047
Y CENTROID: -0.096
POA TO CENTROID: 0.107
HORZ SPREAD: 2.664
VERT SPREAD: 2.848
GROUP SPREAD: 2.981
MIN RADIUS: 0.332
MAX RADIUS: 1.828
MEAN RADIUS: 0.942
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

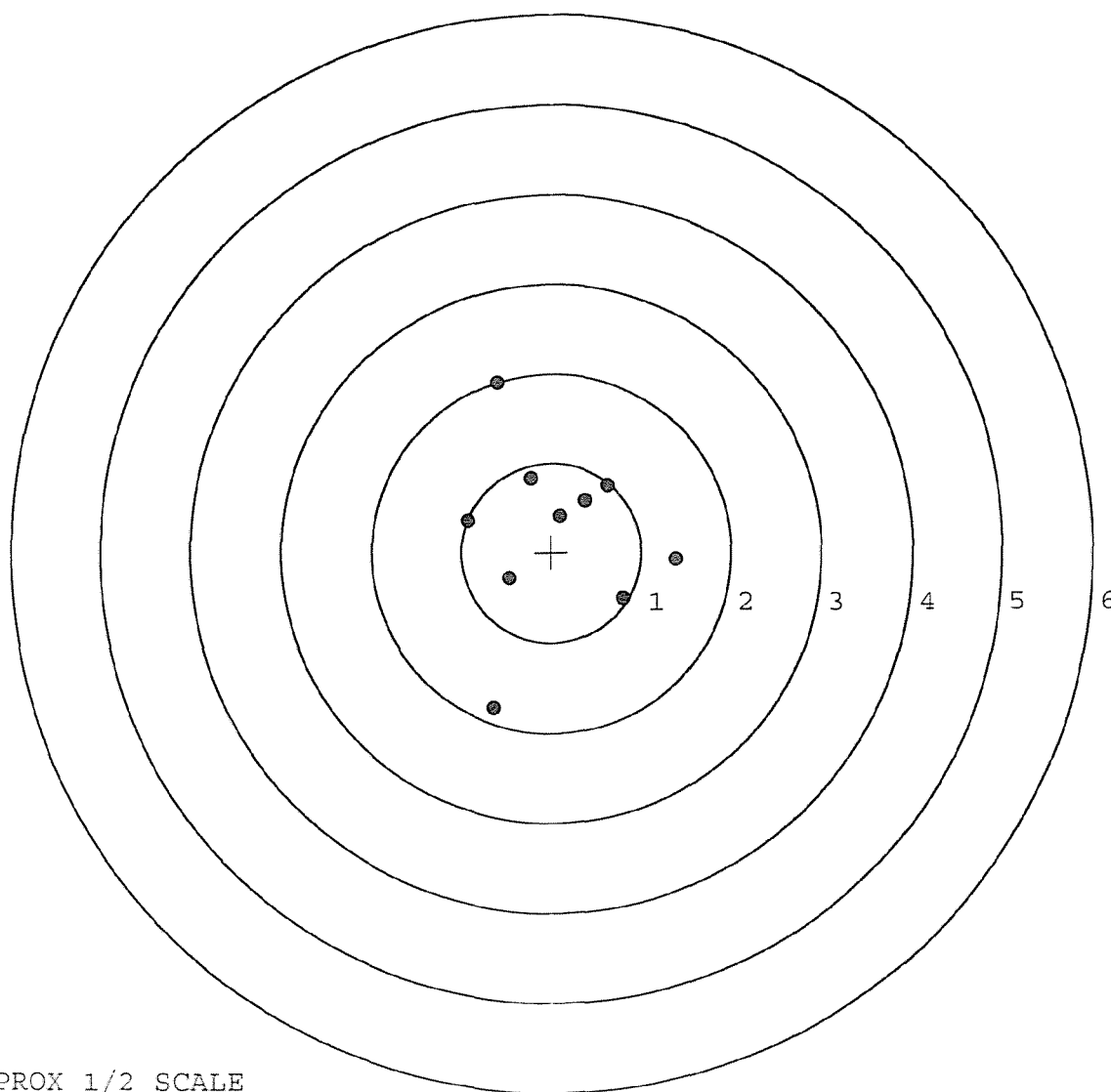


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762.___0
TARGET NUMBER: 4
FILE DATE: 11/20/2001
FILE TIME: 09:33

POINT#	X	Y
1:	-0.604	1.904
2:	-0.228	0.833
3:	-0.933	0.349
4:	-0.473	-0.287
5:	-0.645	-1.726
6:	0.795	-0.514
7:	1.381	-0.081
8:	0.094	0.404
9:	0.377	0.581
10:	0.621	0.750

X CENTROID: 0.038
Y CENTROID: 0.221
POA TO CENTROID: 0.225
HORZ SPREAD: 2.314
VERT SPREAD: 3.630
GROUP SPREAD: 3.630
MIN RADIUS: 0.191
MAX RADIUS: 2.064
MEAN RADIUS: 1.014
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

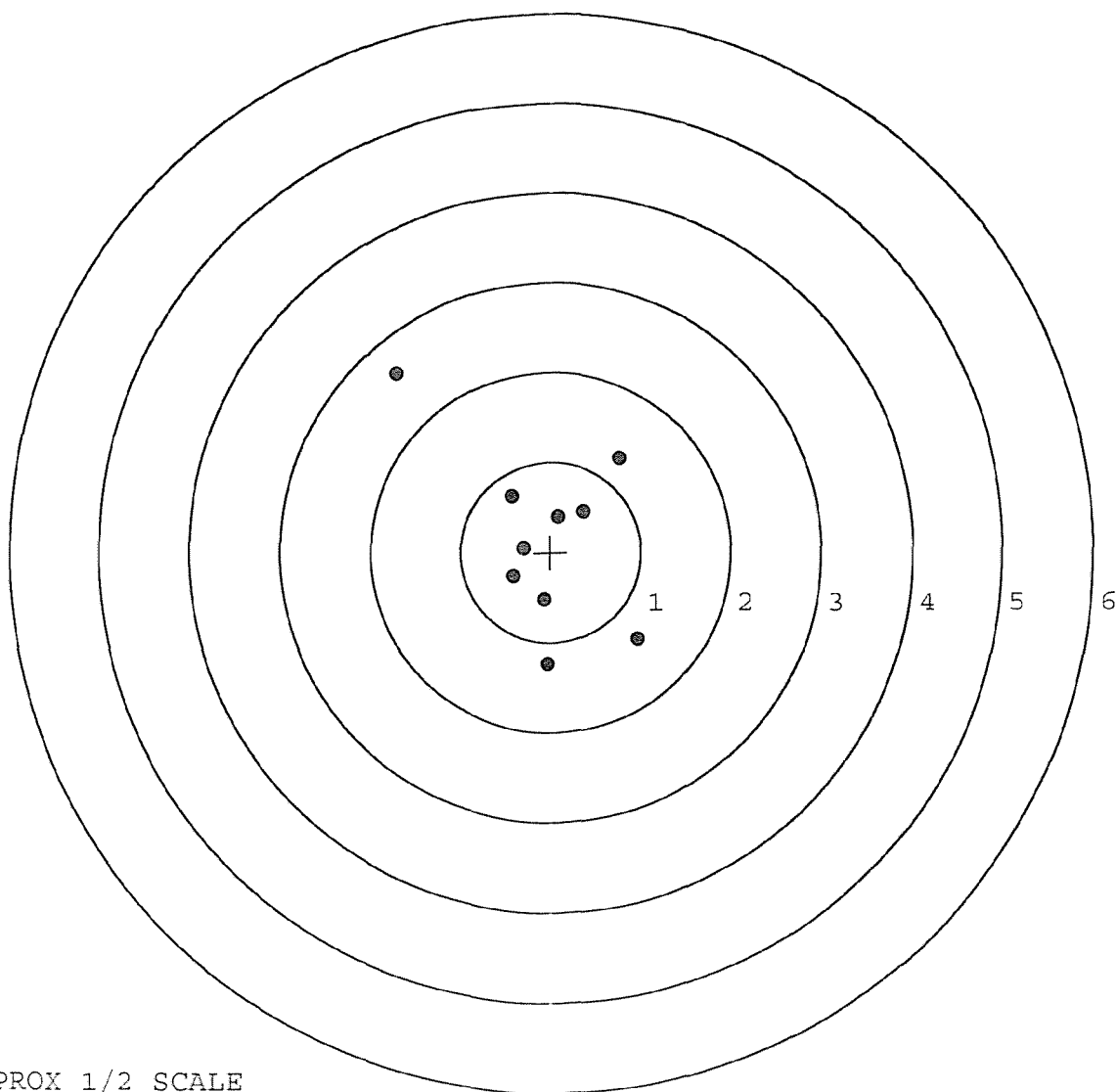


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611762. __0
TARGET NUMBER: 5
FILE DATE: 11/20/2001
FILE TIME: 09:33

POINT#	X	Y
1:	0.766	1.040
2:	0.361	0.452
3:	0.081	0.392
4:	0.961	-0.965
5:	-0.039	-1.247
6:	-0.075	-0.532
7:	-0.439	0.624
8:	-1.714	1.980
9:	-0.303	0.050
10:	-0.416	-0.262

X CENTROID: -0.082
Y CENTROID: 0.153
POA TO CENTROID: 0.174
HORZ SPREAD: 2.675
VERT SPREAD: 3.227
GROUP SPREAD: 3.979
MIN RADIUS: 0.244
MAX RADIUS: 2.450
MEAN RADIUS: 0.948
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 3488Z			
SERIAL NUMBER C661762			
LOG-IN DATE 11-1-01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RHL
560 A	RE-BARREL AT CUSTOM SHOP	11/6	BWT
B	DRILL AND TAP	11/7	BWT
C	POLISH	11-7-01	RW
575	ASSEMBLE MAGNA-FLUX	11-7-01	RW
600	PROOF INSPECTED	11-7-01	RW
605	CHECK HEADSPACE NOV 12 2001	11-7-01	RW
610	DIS-ASSEMBLE GUN OPERATOR DRD		
612	MAGNAFLUX DRD		
615	ROLLMARK CALIBER	11/12	(A)
618	ROTO-BLAST	11/14	
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	RHL
660	PACK	11-28-01	DTA
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

In: C1601762

DATE REC'D: 11-1-01

DATE RET'D: 11-28-01

Inspector: RTH

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

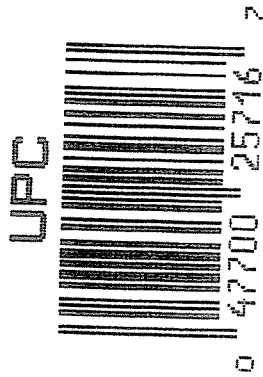
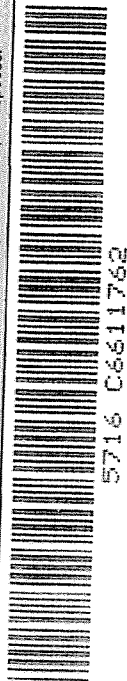
Comments: _____

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

MODEL 700™ M24

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

VERY IMPORTANT! Instruction Book enclosed to assure safe use of this firearm.	SERIAL NO. C6611762	ORDER NO. 5716
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INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611762

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1/10/91	KA
600	Proof		1/10/91	KA
607	Check Headspace		1/10/91	KA
610	Dis-assemble Gun		1/10/91	KA
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 18 91		KB
618	Polish Barrel	1 18 91		WB
620	Apply Coatings (Barrel Action)		2-13-91	PA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2-25-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-25-91	DH
	G) Safety Off Force	2 3/4	3	3			2-25-91	DH
	H) Trigger Pull Test & Retainability						2-25-91	DH
	I) Firing Pin Indent	.020	.021	.020			2-25-91	DH
	J) Assemble Stock						3/4/91	KA
	K) Assemble Swivel Studs						3/5/91	WB
	L) Attach Front and Rear Sight Assemblies						3/4/91	KA
	M) Iron Sight Alignment						3/4/91	KA
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	KA
	O) Attach Scope to Rifle						3/4/91	KA
P) Detach & Attach Scope 20 Times						3/4/91	KA	
640	Gallery Target & Test						3/4/91	KA
	A) Time						"	KA
	B) Malfunctions						"	KA
	C) Pierced Primers						"	KA
	D) Optical Clarity of Scope						"	KA
645	Inspect for Live Ammo						3/4/91	KA
655	Final Inspection						3/5/91	WB
	A) Headspace							
	B) Trigger Pull	2.22	2.16	2.18	2.20	2.15	3-5-91	DH
	C) Function						3/5/91	WB
660	Pack						3-15-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611762

DATE 2-25-91

TESTER DAH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.40	2.54	2.22	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.02	2.76	2.16	
PULL #3	2.63	2.84	2.35	2.18	
PULL #4	2.57	2.89	2.57	2.20	
PULL #5	2.48	2.84	2.75	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.33		
PULL #2	3.58	3.25		
PULL #3	3.39	3.35		
PULL #4	3.28	3.24		
PULL #5	3.56	3.14		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.29		4.51
PULL #2	4.37	4.27		4.60
PULL #3	4.31	4.35		4.54
PULL #4	3.66	4.33		4.88
PULL #5	4.20	4.31		4.89
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611762
5 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.183535
1 TO	2	.216947
1 TO	3	.220819
1 TO	4	.236916
1 TO	5	.300007

5 <----POR

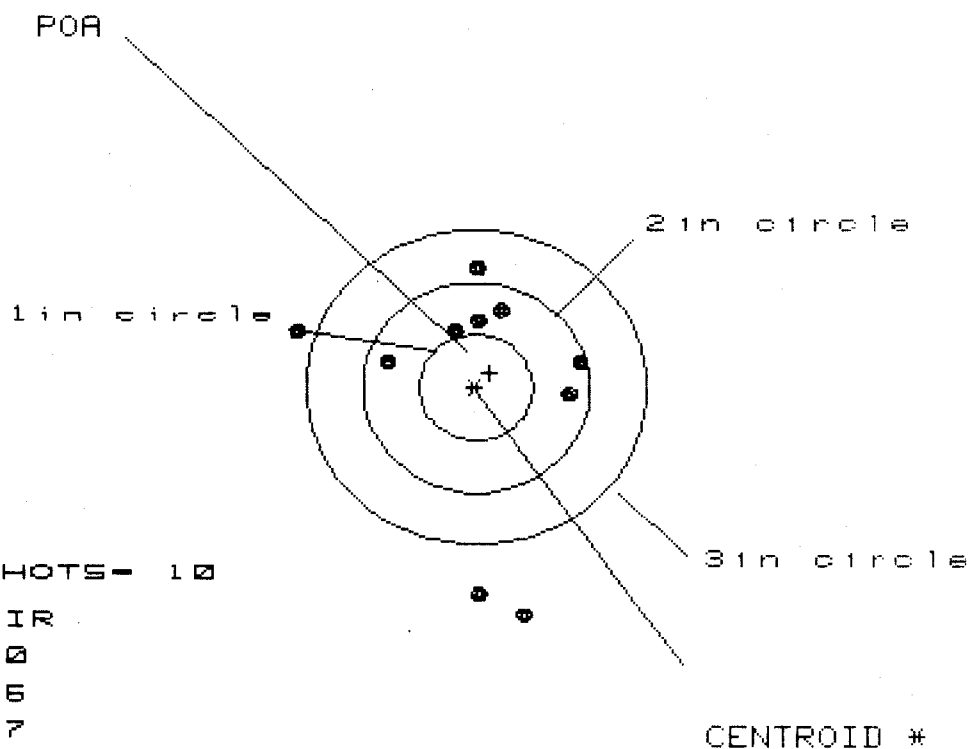
7. AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0064
8. AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0386
9. RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0946304
10. POI RADIUS FOR THIS RIFLE IS: 1.024

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B117B2

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 7

HS= 2.406

VS= 3.294

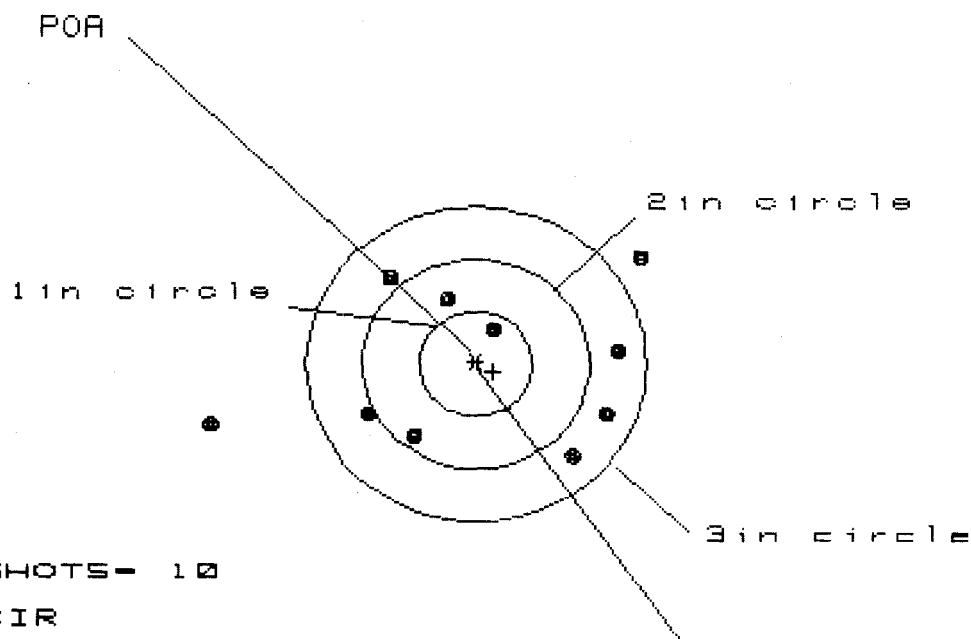
GS= 3.406

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.871	.920	.935
MINIMUM X	-1.535	-1.486	-1.471
MAXIMUM Y	1.100	.856	.584
MINIMUM Y	-2.194	-2.177	-.529
CENTROID X	-.121	-.170	-.185
CENTROID Y	-.138	.106	.378
POA TO CENTROID in.	.183	.200	.421
MIN RADIUS	.616	.370	.137
MEAN RADIUS	1.148	.938	.683
MAX RADIUS	2.239	2.180	1.472
HORIZONTAL SPREAD	2.406	2.406	2.406
VERTICAL SPREAD	3.294	3.033	1.113
EXTREME SPREAD	3.406	3.033	2.460
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611762

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 3.842

VS= 1.911

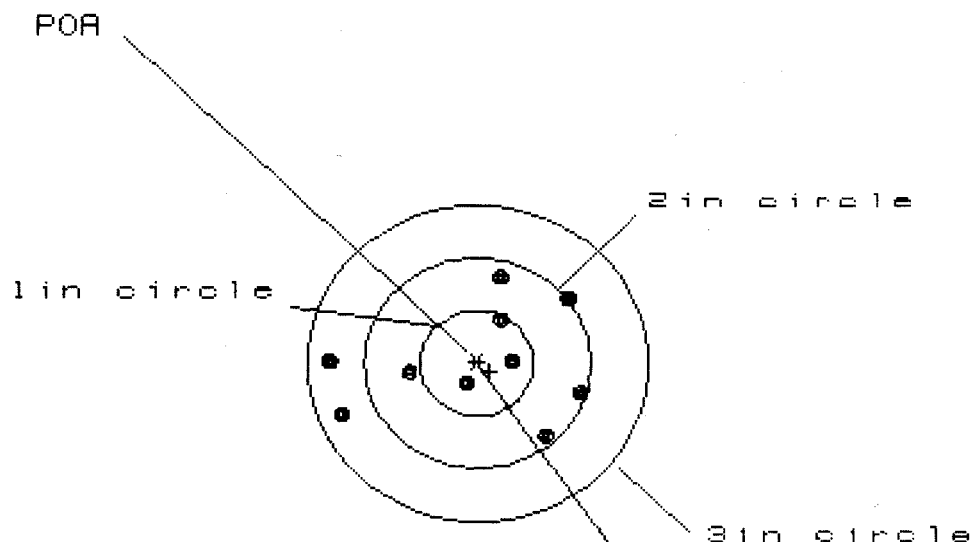
GS= 4.161

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.460	1.195	1.131
MINIMUM X	:	-2.382	-1.208	-1.059
MAXIMUM Y	:	1.072	1.013	.882
MINIMUM Y	:	-.839	-.898	-.771
CENTROID X	:	-.150	.114	-.035
CENTROID Y	:	.077	.136	.009
POA TO CENTROID in.	:	.169	.178	.036
MIN RADIUS	:	.396	.335	.438
MEAN RADIUS	:	1.210	1.055	.984
MAX RADIUS	:	2.440	1.566	1.258
HORIZONTAL SPREAD	:	3.842	2.403	2.190
VERTICAL SPREAD	:	1.911	1.911	1.653
EXTREME SPREAD	:	4.161	2.846	2.347
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611762

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.200

VS= 1.559

GS= 2.262

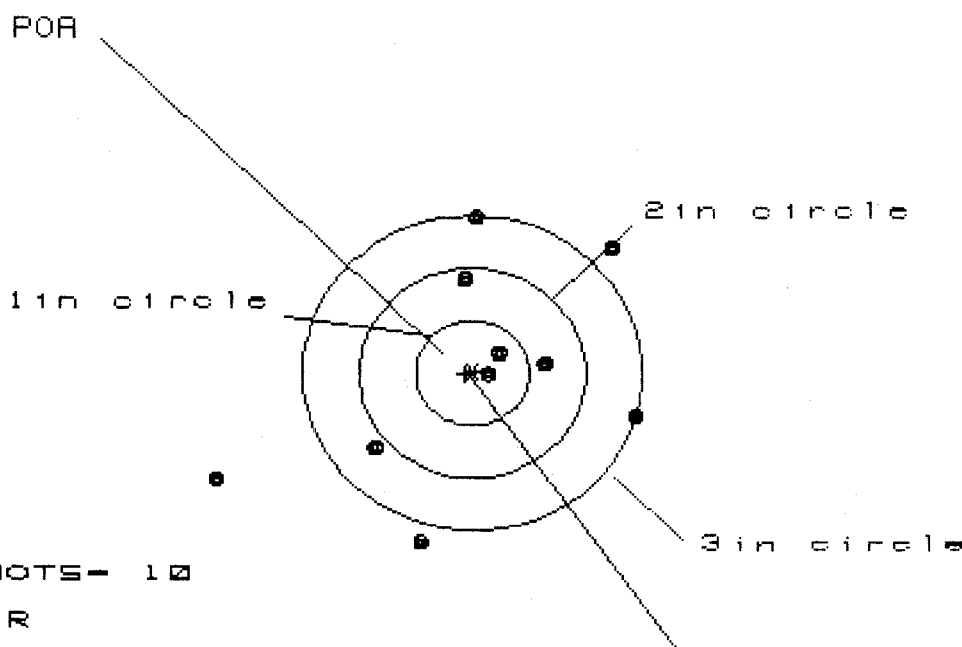
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.908	.764	.600
MINIMUM X	:	-1.300	-1.310	-.859
MAXIMUM Y	:	.843	.839	.780
MINIMUM Y	:	-.717	-.720	-.779
CENTROID X	:	-.102	.042	.206
CENTROID Y	:	.082	.086	.145
POA TO CENTROID in.	:	.131	.096	.251
MIN RADIUS	:	.260	.203	.059
MEAN RADIUS	:	.792	.715	.604
MAX RADIUS	:	1.300	1.391	.875
HORIZONTAL SPREAD	:	2.208	2.074	1.459
VERTICAL SPREAD	:	1.559	1.559	1.559
EXTREME SPREAD	:	2.262	2.262	1.603
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611762

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 3.738

VS= 3.085

GS= 4.178

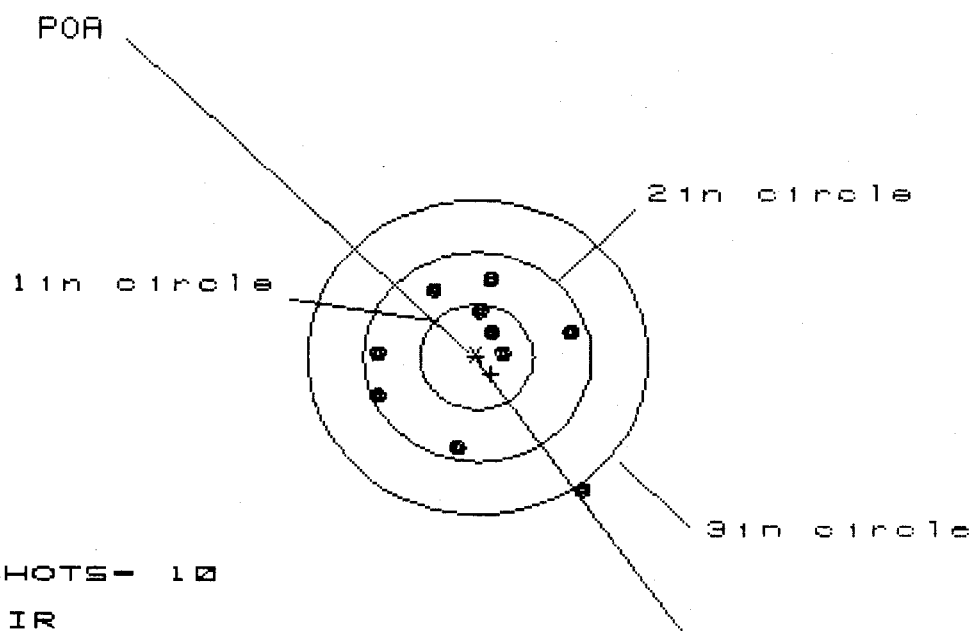
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.434	1.178	1.300
MINIMUM X	:	-2.304	-1.118	-.996
MAXIMUM Y	:	1.490	1.376	1.512
MINIMUM Y	:	-1.595	-1.709	-1.573
CENTROID X	:	.064	.320	.198
CENTROID Y	:	.010	.124	-.012
POA TO CENTROID in.	:	.065	.343	.198
MIN RADIUS	:	.171	.049	.066
MEAN RADIUS	:	1.208	.986	.947
MAX RADIUS	:	2.520	1.869	1.696
HORIZONTAL SPREAD	:	3.738	2.296	2.296
VERTICAL SPREAD	:	3.085	3.085	3.085
EXTREME SPREAD	:	4.178	3.291	3.123
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611762

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 9

HS= 1.838

VS= 1.950

GS= 2.355

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.962	.973	.880
MINIMUM X	:	-.876	-.769	-.862
MAXIMUM Y	:	.692	.552	.491
MINIMUM Y	:	-1.259	-1.028	-1.089
CENTROID X	:	-.123	-.230	-.137
CENTROID Y	:	.162	.302	.363
POA TO CENTROID in.	:	.204	.380	.388
MIN RADIUS	:	.199	.222	.111
MEAN RADIUS	:	.762	.642	.577
MAX RADIUS	:	1.584	1.029	1.097
HORIZONTAL SPREAD	:	1.838	1.742	1.742
VERTICAL SPREAD	:	1.950	1.580	1.580
EXTREME SPREAD	:	2.355	1.823	1.752
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	9		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611762
12 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.158398
1 TO	2	.0534883
1 TO	3	.2925
1 TO	4	.194139
1 TO	5	.629859

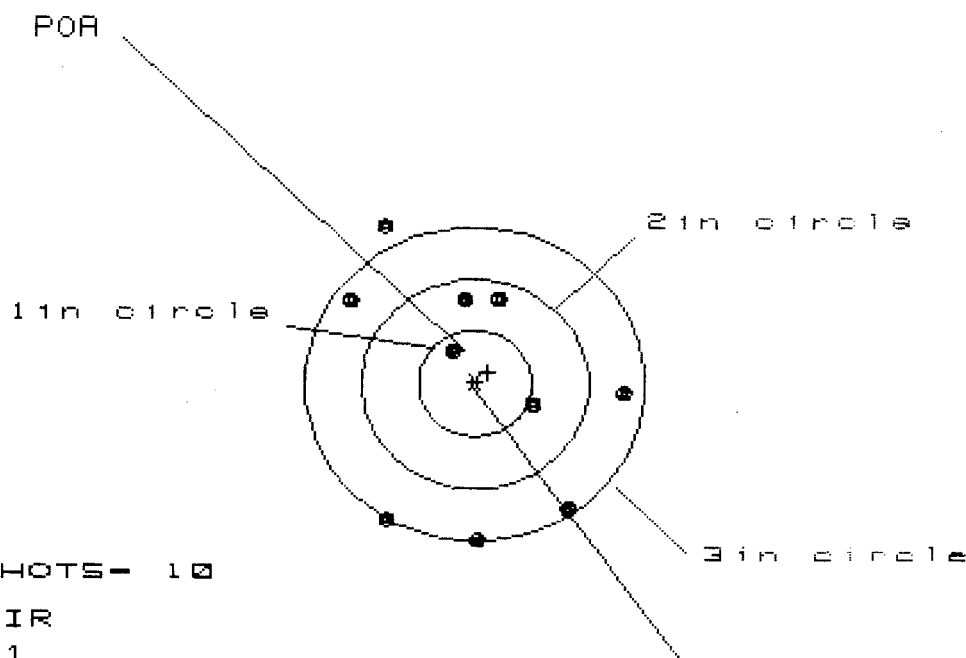
3⁵ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0762
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0821893
THE AMR FOR THIS RIFLE IS: .9966

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611762.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in - 8

HS- 2.385

VS- 3.054

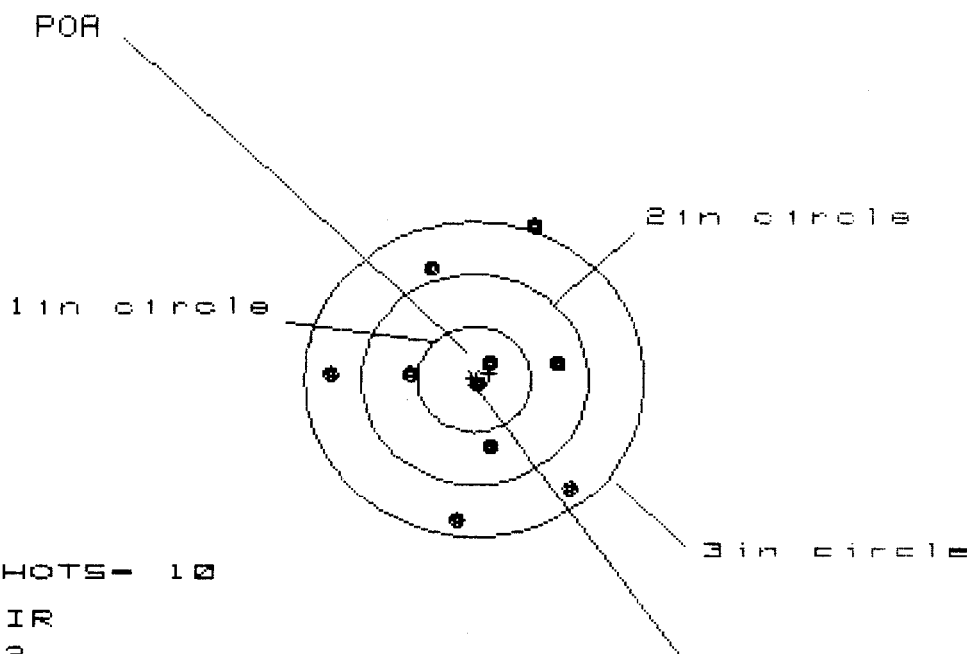
GS- 3.173

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	1.244	1.234
MINIMUM X	:	-1.058	-1.141	-1.151
MAXIMUM Y	:	1.537	.994	.825
MINIMUM Y	:	-1.517	-1.346	-1.249
CENTROID X	:	-.113	-.030	-.020
CENTROID Y	:	-.111	-.282	-.113
POA TO CENTROID in.	:	.158	.283	.115
MIN RADIUS	:	.397	.414	.443
MEAN RADIUS	:	1.137	1.079	1.013
MAX RADIUS	:	1.708	1.499	1.503
HORIZONTAL SPREAD	:	2.385	2.385	2.385
VERTICAL SPREAD	:	3.054	2.340	2.074
EXTREME SPREAD	:	3.173	2.772	2.772
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611762.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.110

VS= 2.762

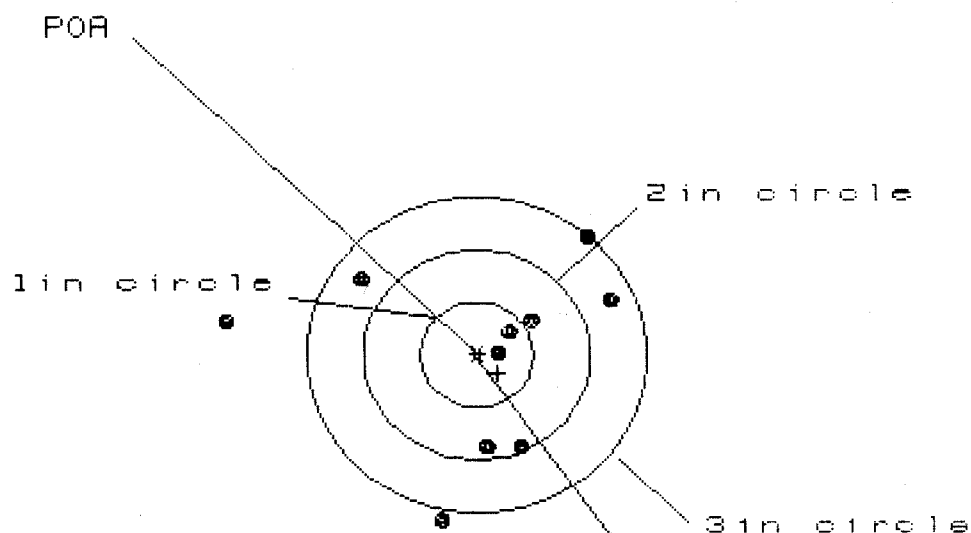
GS= 2.845

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.803	.860	.845
MINIMUM X	:	-1.307	-1.250	-1.265
MAXIMUM Y	:	1.438	1.269	1.123
MINIMUM Y	:	-1.324	-1.164	-1.003
CENTROID X	:	-.132	-.189	-.174
CENTROID Y	:	-.061	-.221	-.075
POA TO CENTROID in.	:	.146	.290	.189
MIN RADIUS	:	.055	.185	.095
MEAN RADIUS	:	.892	.832	.764
MAX RADIUS	:	1.525	1.296	1.311
HORIZONTAL SPREAD	:	2.110	2.110	2.110
VERTICAL SPREAD	:	2.762	2.433	2.126
EXTREME SPREAD	:	2.845	2.437	2.406
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611762.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.428

VS= 2.698

GS= 3.434

CENTROID *

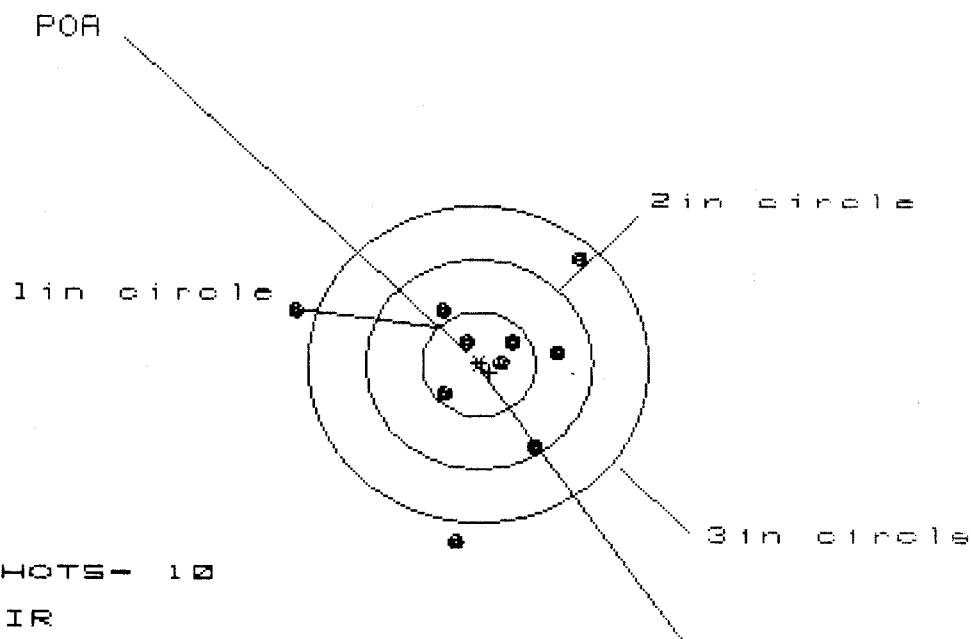
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.197	.949	.881
MINIMUM X	:	-2.231	-1.267	-1.335
MAXIMUM Y	:	1.097	1.128	.932
MINIMUM Y	:	-1.601	-1.570	-1.018
CENTROID X	:	-.183	.065	.133
CENTROID Y	:	.173	.142	.338
POA TO CENTROID in.	:	.252	.156	.363
MIN RADIUS	:	.184	.132	.133
MEAN RADIUS	:	1.085	.904	.771
MAX RADIUS	:	2.249	1.661	1.452
HORIZONTAL SPREAD	:	3.428	2.216	2.216
VERTICAL SPREAD	:	2.698	2.698	1.950
EXTREME SPREAD	:	3.434	2.966	2.231
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611762.1

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 2.448

VS= 2.693

GS= 2.880

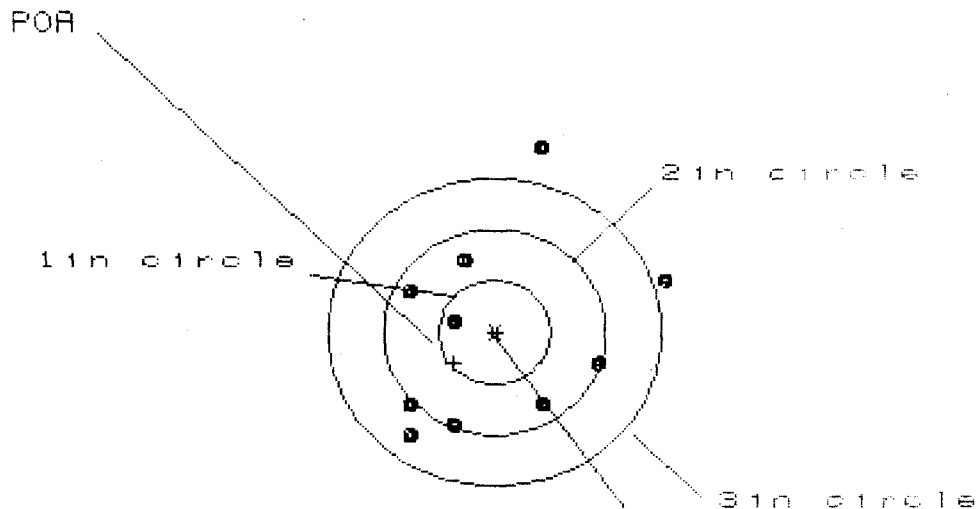
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.855	.678	.636
MINIMUM X	:	-1.593	-.511	-.553
MAXIMUM Y	:	1.060	1.117	.920
MINIMUM Y	:	-1.633	-1.576	-.956
CENTROID X	:	-.092	.085	.127
CENTROID Y	:	.082	.025	.222
POA TO CENTROID in.	:	.124	.088	.256
MIN RADIUS	:	.148	.094	.132
MEAN RADIUS	:	.811	.709	.565
MAX RADIUS	:	1.675	1.612	1.119
HORIZONTAL SPREAD	:	2.448	1.189	1.189
VERTICAL SPREAD	:	2.693	2.693	1.876
EXTREME SPREAD	:	2.880	2.880	1.916
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611762.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.391

VS= 2.835

GS= 3.088

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.583	1.634	1.178
MINIMUM X	-.808	-.757	-.552
MAXIMUM Y	1.831	.858	.942
MINIMUM Y	-1.004	-.800	-.716
CENTROID X	.366	.315	.110
CENTROID Y	.298	.094	.010
POA TO CENTROID in.	.472	.328	.111
MIN RADIUS	.411	.457	.405
MEAN RADIUS	1.058	.936	.790
MAX RADIUS	1.890	1.769	1.178
HORIZONTAL SPREAD	2.391	2.391	1.730
VERTICAL SPREAD	2.835	1.658	1.658
EXTREME SPREAD	3.088	2.767	1.874
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		