

06523459

MODEL 700™ M24

Model **SMS**

™

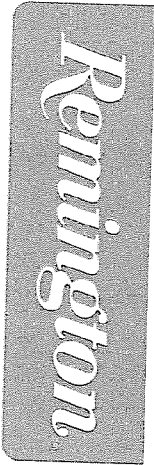
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: RE00136236

Serial: C6523459 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/2/2007 10:15:41 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221

PO Box:

5749 BRIAR HILL RD BLDG 221

PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

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
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

11/2/2007

1:13 PM

CAPS

NUM

INS

SCRL



Serial Number: C6523459

Model: M24 SWS



RE00136236

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149R & E NUMBER 136236SERIAL NUMBER C6523459LOG-IN DATE 11-2-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-11-08	RTL
505	RE-BARREL	7-18-08	LR
560	ASSEMBLE	7-15-08	PSN
600	PROOF	7-16-08	TRW
605	CHECK HEADSPACE	7-16-08	TRW
610	DIS-ASSEMBLE GUN	7-18-08	PR
612	MAGNAFLUX	7/25/08	BA
510	DRILL AND TAP	7-19-08	SP
615	ROLLMARK CALIBER	7/25/08	RT
618	ROTO-BLAST	7/25/08	JS
620	APPLY COATINGS	8-1	W
625	FINAL ASSEMBLY	8-5-08	RTL
640	FUNCTION TEST AND	9-3-08	SPN
650	TARGET	9-3-08	SPN
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-3-08	TL
	A) HEADSPACE	9-10-08	RTL
		9-8-08	TL
	B) TRIGGER PULL	2.41 2.26 2.35 2.41 2.34 9-8-08	PSN
680	F) SAFETY ON FORCE	2 2 2 9-8-08	TL
	G) SAFETY OFF FORCE	3.5 3.5 3.5 9-8-08	TL
	I) FIRING PIN INDENT	.024 .024 .025 9-8-08	TL
690	PACK	9-11-08	TL

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523459.___0
FILE DATE AND TIME: 09/05/2008 13:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

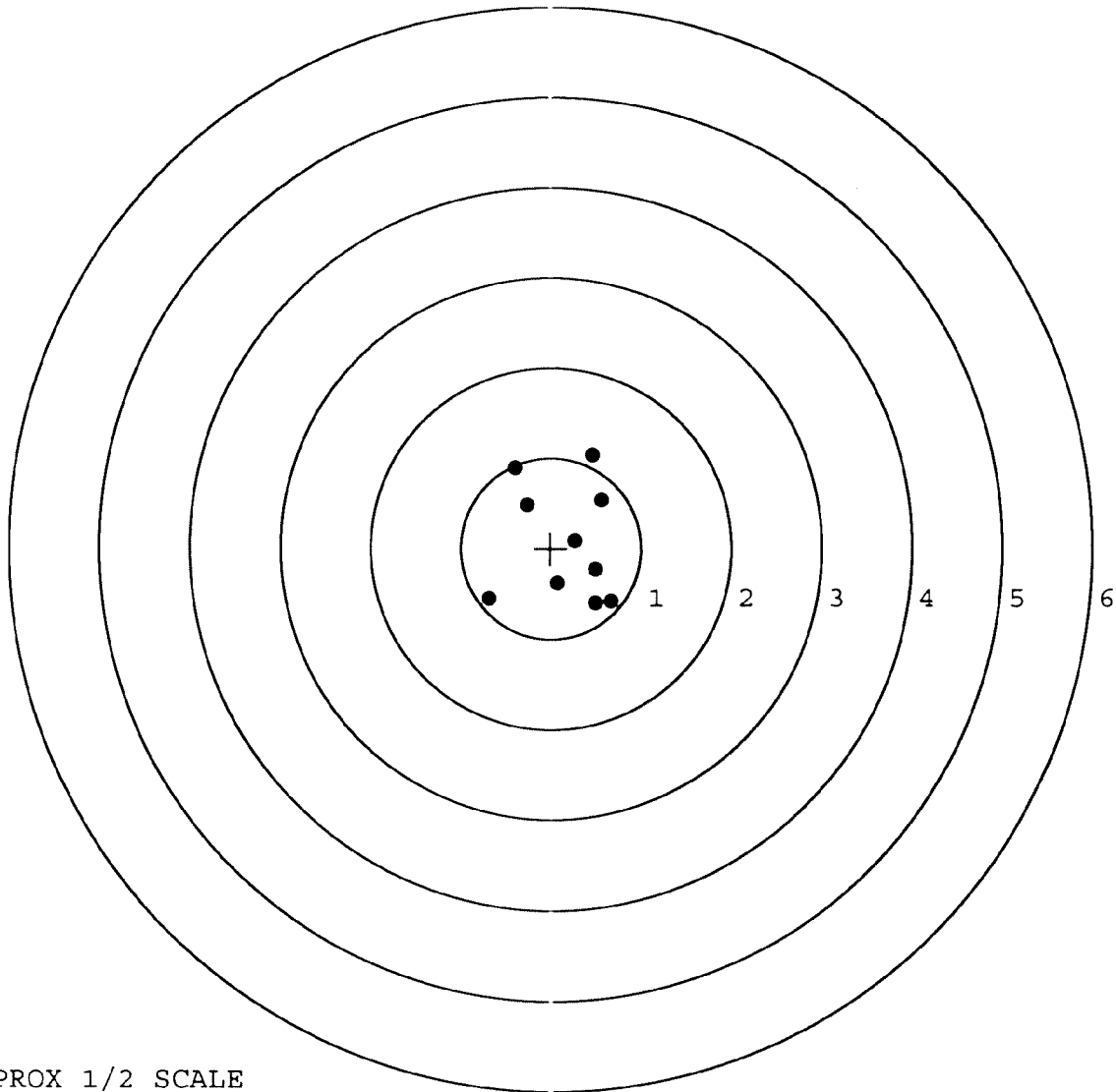
The Average X Centroid of the Five Target Set:	0.092
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.706
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.059
The Distance from Centroid Target #3 to Centroid Target #1:	0.139
The Distance from Centroid Target #4 to Centroid Target #1:	0.302
The Distance from Centroid Target #5 to Centroid Target #1:	0.247

BARBER - M24 0028478

SERIAL NUMBER: C6523459. __0
TARGET NUMBER: 1
FILE DATE: 09/05/2008
FILE TIME: 13:39

POINT#	X	Y
1:	-0.690	-0.562
2:	0.076	-0.389
3:	0.497	-0.610
4:	0.673	-0.589
5:	0.495	-0.238
6:	0.270	0.083
7:	0.565	0.529
8:	0.465	1.028
9:	-0.262	0.474
10:	-0.394	0.888

X CENTROID: 0.169
Y CENTROID: 0.061
POA TO CENTROID: 0.180
HORZ SPREAD: 1.363
VERT SPREAD: 1.638
GROUP SPREAD: 1.965
MIN RADIUS: 0.103
MAX RADIUS: 1.062
MEAN RADIUS: 0.686
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



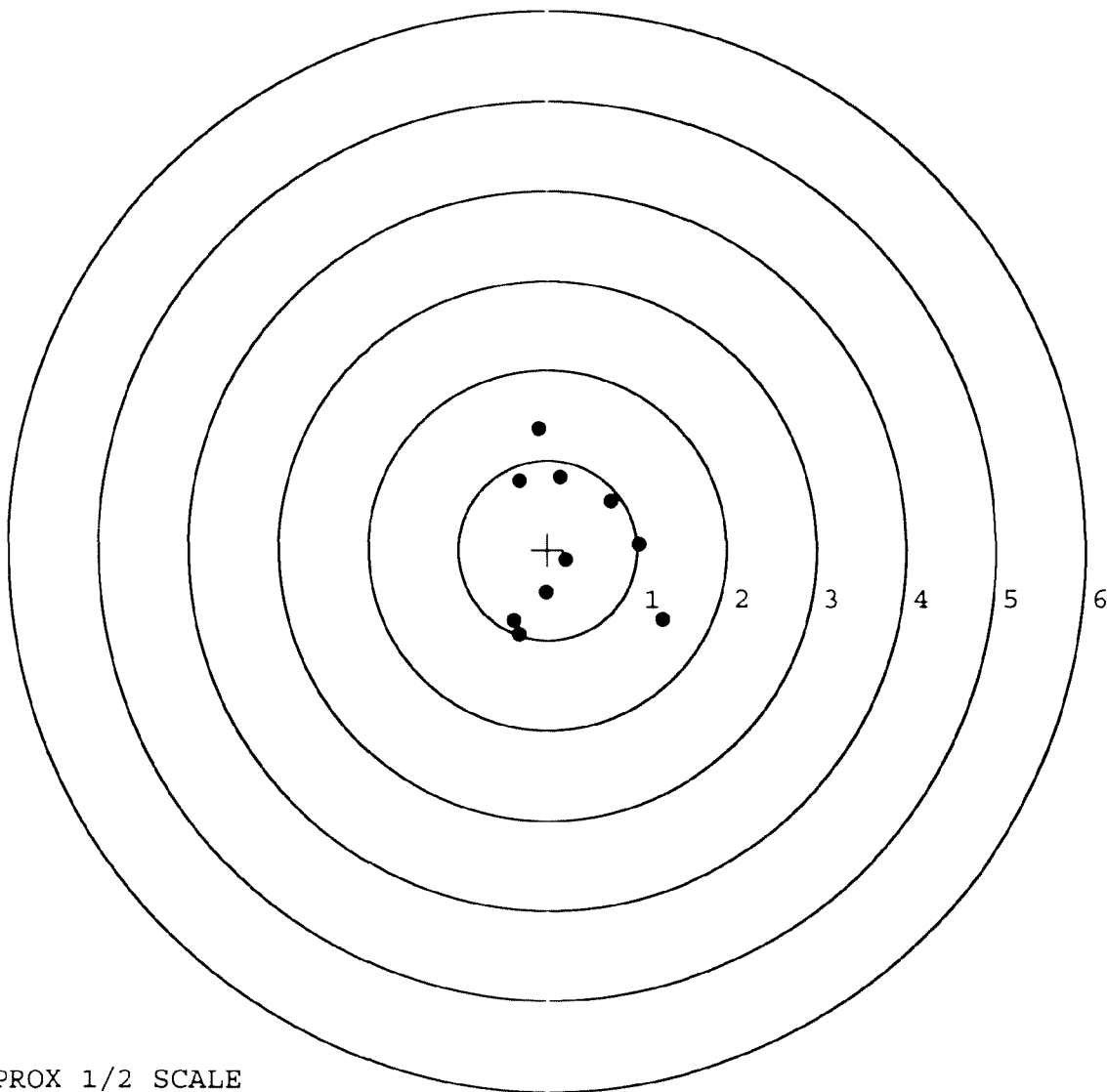
TARGET APPROX 1/2 SCALE

BARBER - M24 0028479

SERIAL NUMBER: C6523459. __0
 TARGET NUMBER: 2
 FILE DATE: 09/05/2008
 FILE TIME: 13:39

POINT#	X	Y
1:	-0.315	-0.946
2:	-0.374	-0.792
3:	-0.017	-0.478
4:	0.200	-0.114
5:	1.283	-0.779
6:	1.023	0.062
7:	0.707	0.540
8:	0.149	0.808
9:	-0.098	1.347
10:	-0.308	0.772

X CENTROID: 0.225
 Y CENTROID: 0.042
 POA TO CENTROID: 0.229
 HORZ SPREAD: 1.657
 VERT SPREAD: 2.293
 GROUP SPREAD: 2.535
 MIN RADIUS: 0.158
 MAX RADIUS: 1.344
 MEAN RADIUS: 0.873
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



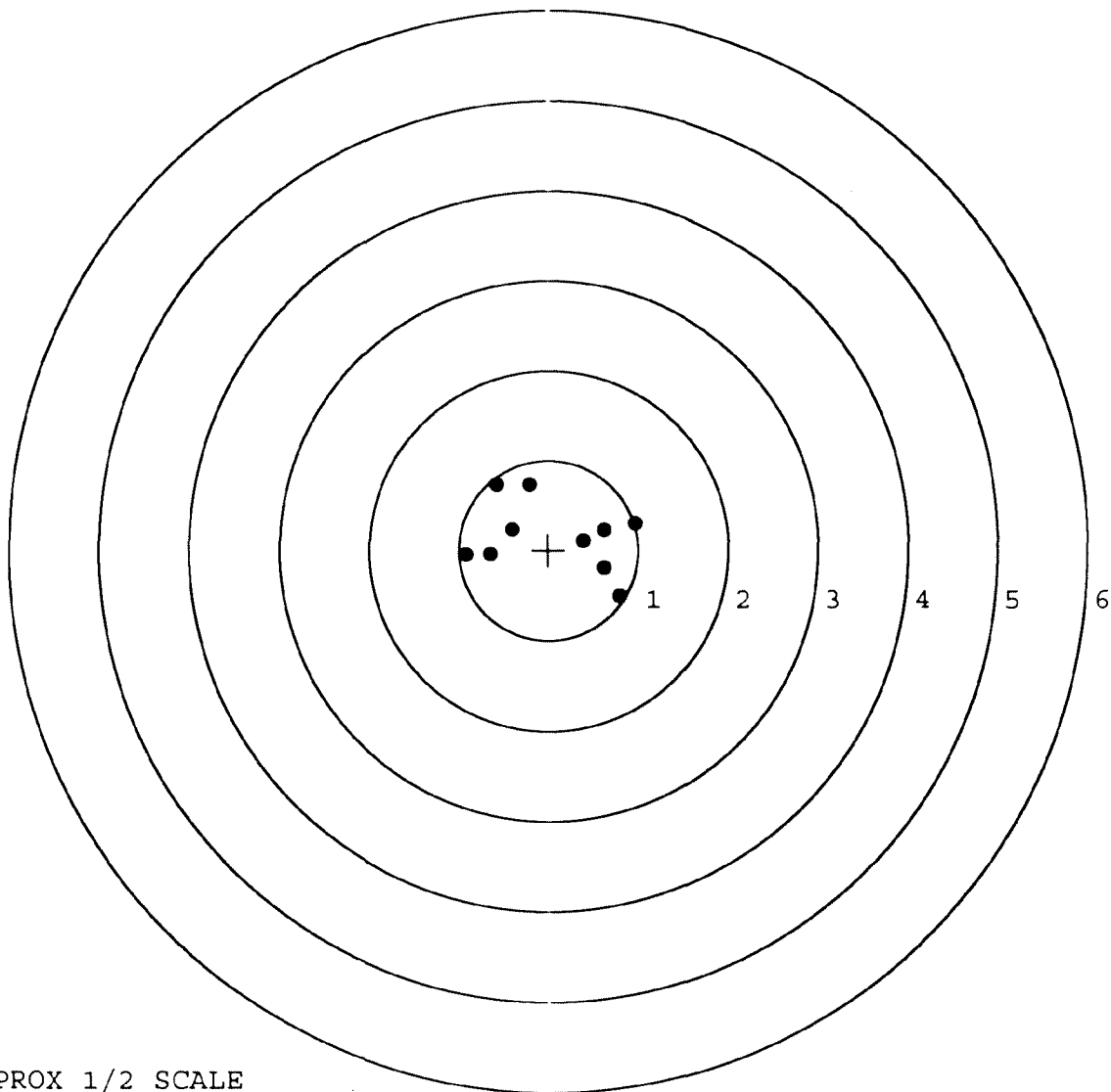
TARGET APPROX 1/2 SCALE

BARBER - M24 0028480

SERIAL NUMBER: C6523459. 0
 TARGET NUMBER: 3
 FILE DATE: 09/05/2008
 FILE TIME: 13:39

POINT#	X	Y
1:	-0.923	-0.056
2:	-0.651	-0.050
3:	-0.410	0.232
4:	-0.215	0.727
5:	-0.575	0.732
6:	0.384	0.103
7:	0.616	0.224
8:	0.622	-0.204
9:	0.796	-0.519
10:	0.970	0.295

X CENTROID: 0.061
 Y CENTROID: 0.148
 POA TO CENTROID: 0.161
 HORZ SPREAD: 1.893
 VERT SPREAD: 1.251
 GROUP SPREAD: 1.925
 MIN RADIUS: 0.326
 MAX RADIUS: 1.005
 MEAN RADIUS: 0.719
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



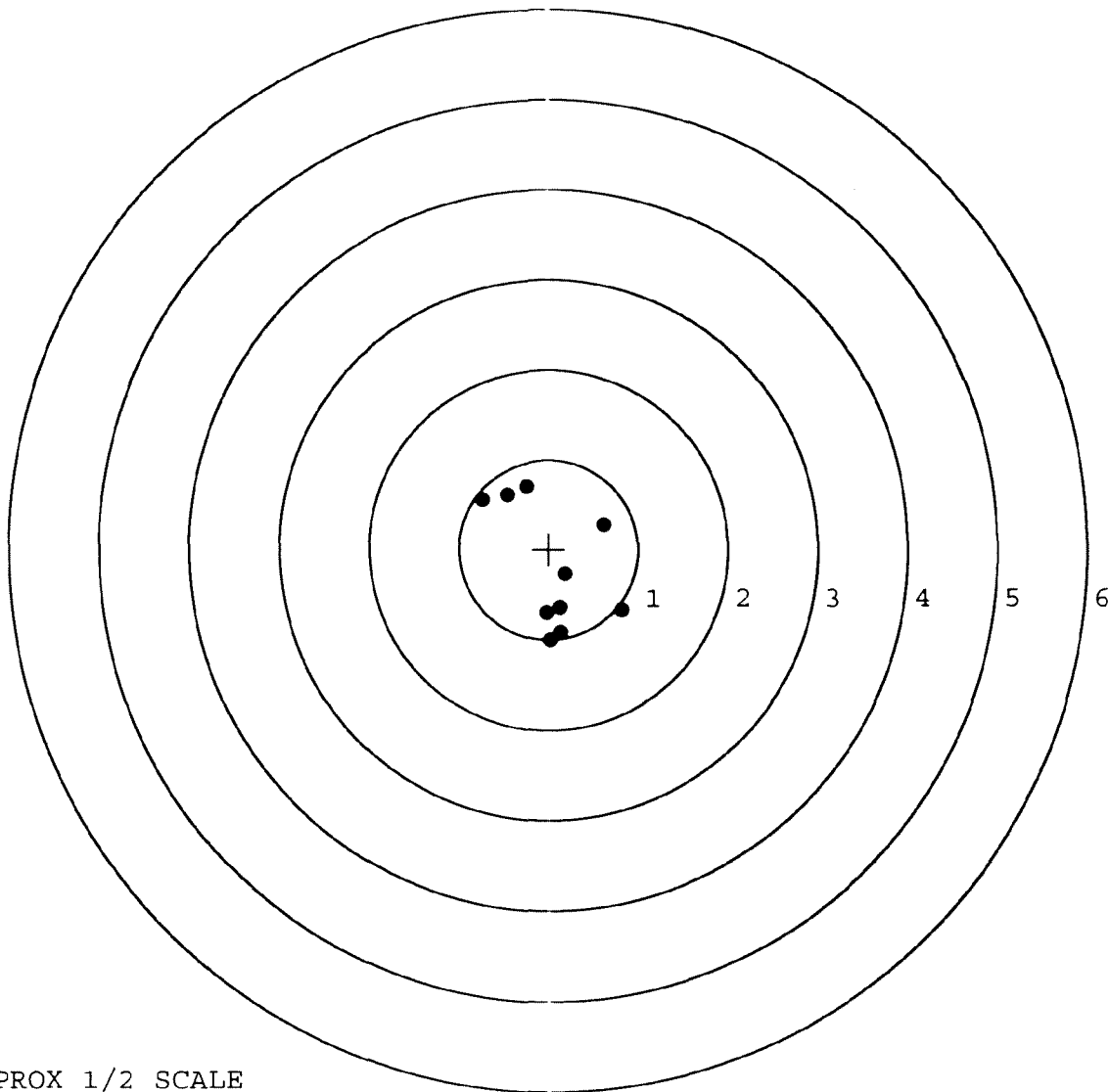
TARGET APPROX 1/2 SCALE

BARBER - M24 0028481

SERIAL NUMBER: C6523459. 0
 TARGET NUMBER: 4
 FILE DATE: 09/05/2008
 FILE TIME: 13:39

POINT#	X	Y
1:	0.021	-1.019
2:	-0.020	-0.715
3:	0.137	-0.928
4:	0.130	-0.659
5:	0.816	-0.684
6:	0.186	-0.285
7:	0.621	0.280
8:	-0.242	0.703
9:	-0.454	0.612
10:	-0.737	0.554

X CENTROID: 0.046
 Y CENTROID: -0.214
 POA TO CENTROID: 0.219
 HORZ SPREAD: 1.553
 VERT SPREAD: 1.722
 GROUP SPREAD: 1.986
 MIN RADIUS: 0.157
 MAX RADIUS: 1.097
 MEAN RADIUS: 0.732
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



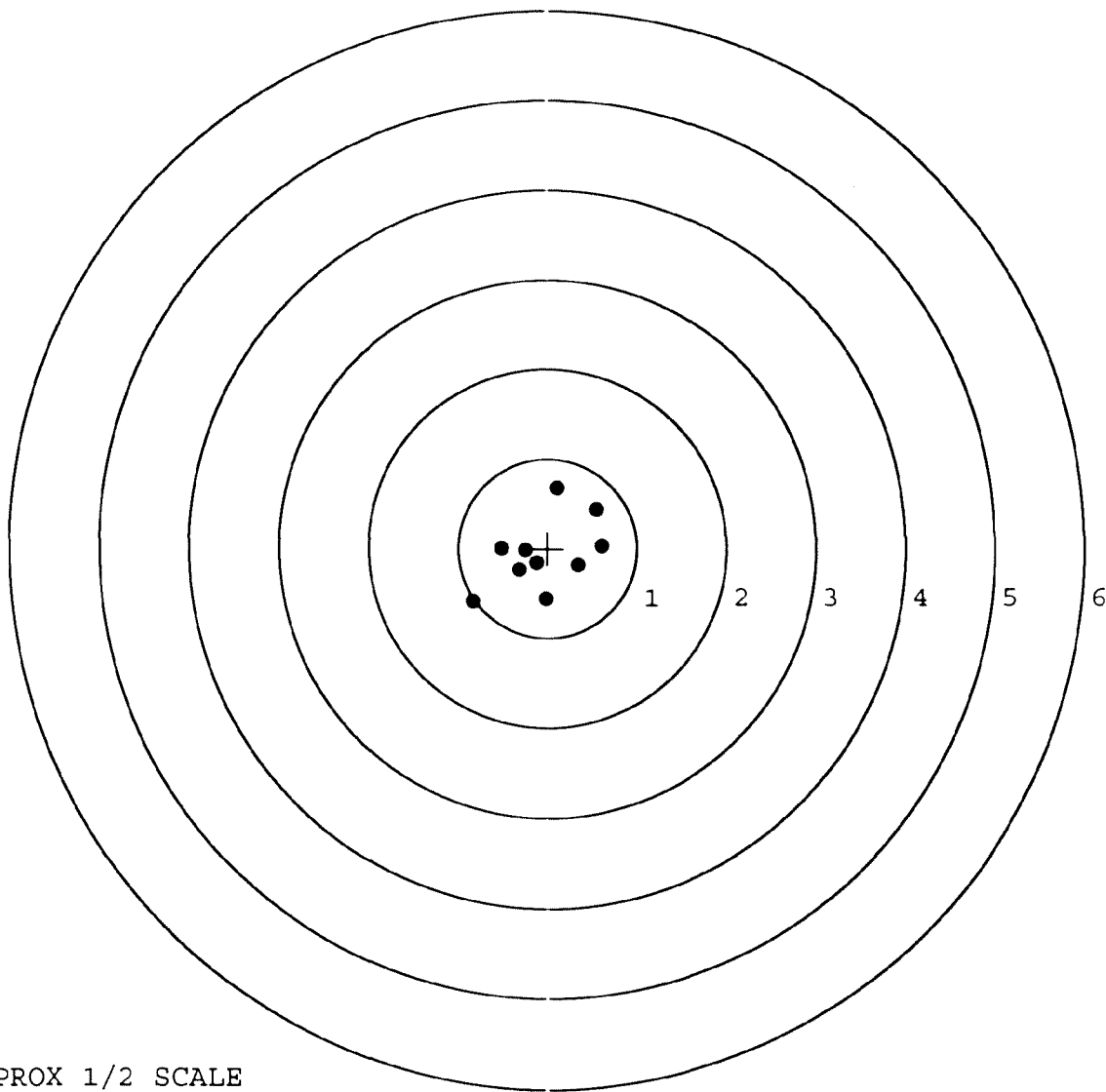
TARGET APPROX 1/2 SCALE

BARBER - M24 0028482

SERIAL NUMBER: C6523459. __0
 TARGET NUMBER: 5
 FILE DATE: 09/05/2008
 FILE TIME: 13:39

POINT#	X	Y
1:	-0.836	-0.598
2:	-0.515	0.005
3:	-0.247	-0.022
4:	-0.319	-0.241
5:	-0.018	-0.570
6:	0.342	-0.193
7:	0.608	0.032
8:	-0.126	-0.166
9:	0.559	0.440
10:	0.119	0.675

X CENTROID: -0.043
 Y CENTROID: -0.064
 POA TO CENTROID: 0.077
 HORZ SPREAD: 1.444
 VERT SPREAD: 1.273
 GROUP SPREAD: 1.739
 MIN RADIUS: 0.131
 MAX RADIUS: 0.956
 MEAN RADIUS: 0.521
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

CLICKS 37 LEFT

ORDER

R 94-18280

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

90-0313

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6523459	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE					

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
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GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Trigger Assy 173.71
Scope Rep 119.43
Clean/Insp/Rep 50.00
~~241.50~~
343.14

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0028483 28522

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

SERIAL NO. _____

DATE 10-20-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.23	2.39	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.24	2.64	
PULL #3	2.22	2.27	2.61	
PULL #4	2.30	2.31	2.51	
PULL #5	2.29	2.31	2.53	
TOTAL	11.26	11.52	12.95	
AVG.	2.25	2.30	2.59	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.11	2.95	
PULL #2	3.09	2.96	
PULL #3	3.18	3.05	
PULL #4	3.05	3.04	
PULL #5	3.12	3.03	
TOTAL	15.55	15.03	
AVG.	3.11	3.00	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	3.90	4.18	
PULL #2	4.04	3.96	4.09	
PULL #3	4.08	3.98	4.14	
PULL #4	4.00	3.80	4.16	
PULL #5	4.02	3.96	4.17	
TOTAL	20.20	19.60	20.74	
AVG.	4.04	3.92	4.14	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523459

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5	3/4		11/29	WB
	G) Safety Off Force	3	3	3			11/29	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.33	2.32	2.28	2.27	2.31	11/29	WB
	C) Function							
660	Pack							

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

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

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

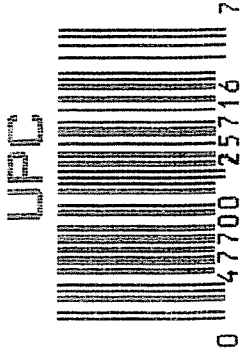
MODEL 700™ M24

SERIAL NO.
06520459

ORDER NO.
5716

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

01



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523459

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10	9 90	RW
600	Proof	10	9 90	RW
607	Check Headspace	10	9 90	RW
610	Dis-assemble Gun	10	9 90	RW
612	Magnaflux Barrel Action		10/17/90	KR
	Magnaflux Bolt		10/17/90	KR
615	Rollmark Caliber		10/17/90	SL
617	Drill and Tap Sight Holes		10/18/90	FJB
618	Polish Barrel RB		10/19/90	WJB
620	Apply Coatings (Barrel Action)		11-5-90	TH
	Apply Coating (Bolt)		11-5-90	TH
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-90	TH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	4 $\frac{3}{4}$	4 $\frac{3}{4}$	11/13/90	WB		
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	11/13/90	WB		
	H) Trigger Pull Test & Retainability				11/13/90	W		
	I) Firing Pin Indent	.0235	.0235	.0235	11/13/90	WB		
	J) Assemble Stock				11/13/90	RW		
	K) Assemble Swivel Studs				11/19/90	928		
	L) Attach Front and Rear Sight Assemblies				11/13/90	RW		
	M) Iron Sight Alignment				11/13/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/13/90	RW		
	O) Attach Scope to Rifle				11/13/90	RW		
	P) Detach & Attach Scope 20 Times				11/13/90	RW		
640	Gallery Target & Test				11-14-90	DH		
	A) Time				11-14-90	DH		
	B) Malfunctions				11-14-90	DH		
	C) Pierced Primers				11-14-90	DH		
	D) Optical Clarity of Scope				11-14-90	DH		
645	Inspect for Live Ammo				11-14-90	DH		
655	Final Inspection							
	A) Headspace				11/19/90	928		
	B) Trigger Pull	257	242	249	256	245	11/19/90	928
	C) Function						11/19/90	928
660	Pack						12-7-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523459

DATE 11-13-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.17	2.47	2.57	MIN. SETTING, NO AVG. OF .5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.17	2.31	2.42	
PULL #3	2.15	2.21	2.30	2.49	
PULL #4	2.30	2.42	2.21	2.56	
PULL #5	2.13	2.45	2.25	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.40		
PULL #2	3.31	3.48		
PULL #3	3.39	3.38		
PULL #4	3.47	3.50		
PULL #5	3.35	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.50		4.22
PULL #2	4.35	4.26		4.32
PULL #3	4.30	4.31		4.37
PULL #4	4.16	4.32		4.33
PULL #5	4.28	4.28		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523459
14 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.468062
1 TO	2	.219237
1 TO	3	.615683
1 TO	4	.563579
1 TO	5	.810069

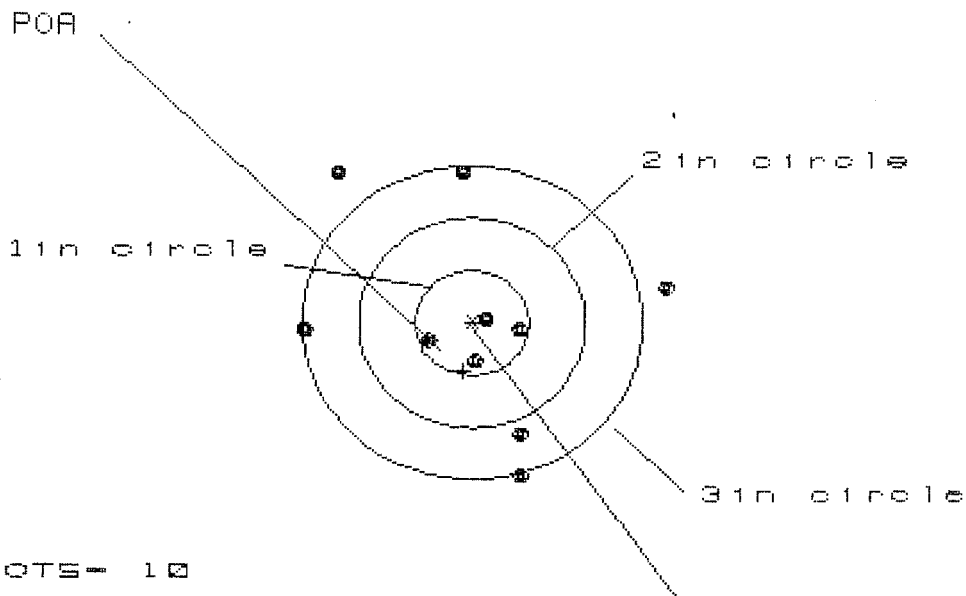
42
47 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0642
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120353
THE AMR FOR THIS RIFLE IS: .9432

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523459

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 4

3 in = 6

HS = 3.234

VS = 2.871

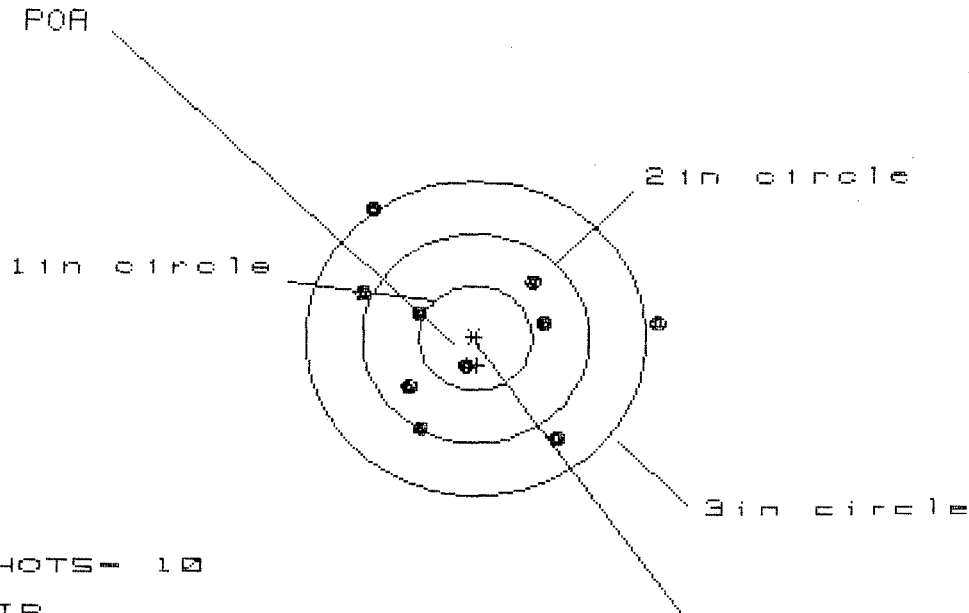
GS = 3.265

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.707	1.576	.515
MINIMUM X	-1.527	-1.658	-1.461
MAXIMUM Y	1.430	1.585	1.646
MINIMUM Y	-1.441	-1.286	-1.225
CENTROID X	.081	.212	.015
CENTROID Y	.461	.306	.245
POA TO CENTROID in.	.468	.372	.245
MIN RADIUS	.097	.183	.181
MEAN RADIUS	1.044	.928	.832
MAX RADIUS	1.827	1.660	1.646
HORIZONTAL SPREAD	3.234	3.234	1.976
VERTICAL SPREAD	2.871	2.871	2.871
EXTREME SPREAD	3.265	3.260	2.917
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523459

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.568

VS= 2.182

GS= 2.696

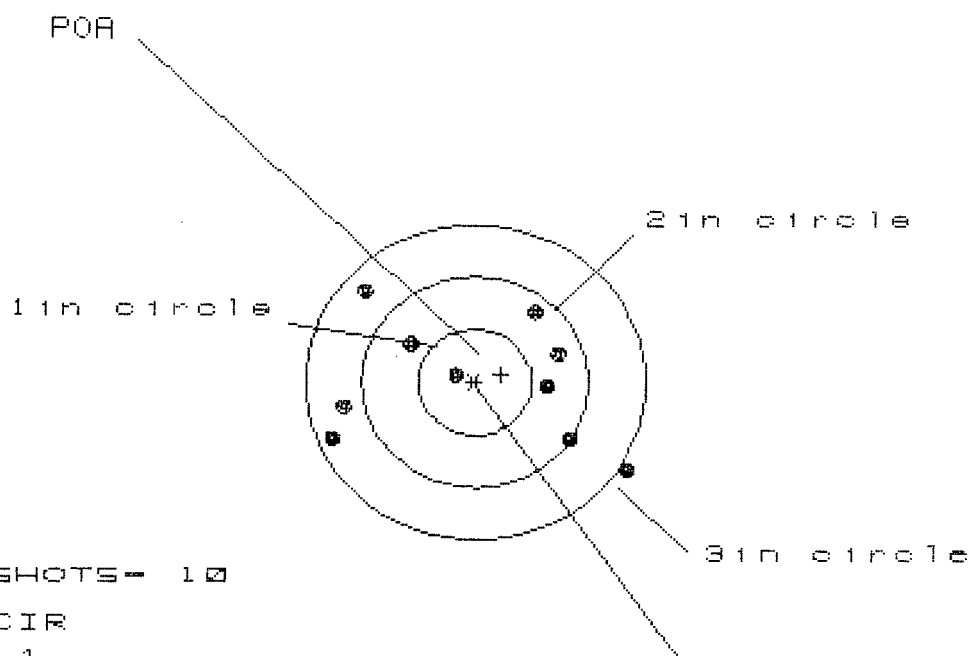
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.611	.923	.840
MINIMUM X	:	-.957	-.778	-.861
MAXIMUM Y	:	1.228	1.239	.657
MINIMUM Y	:	-.954	-.943	-.788
CENTROID X	:	-.011	-.190	-.107
CENTROID Y	:	.262	.251	.096
POA TO CENTROID in.	:	.262	.314	.143
MIN RADIUS	:	.315	.315	.143
MEAN RADIUS	:	.920	.823	.731
MAX RADIUS	:	1.614	1.405	1.151
HORIZONTAL SPREAD	:	2.568	1.701	1.701
VERTICAL SPREAD	:	2.182	2.182	1.445
EXTREME SPREAD	:	2.696	2.696	2.169
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523453

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.540

VS = 1.655

GS = 2.845

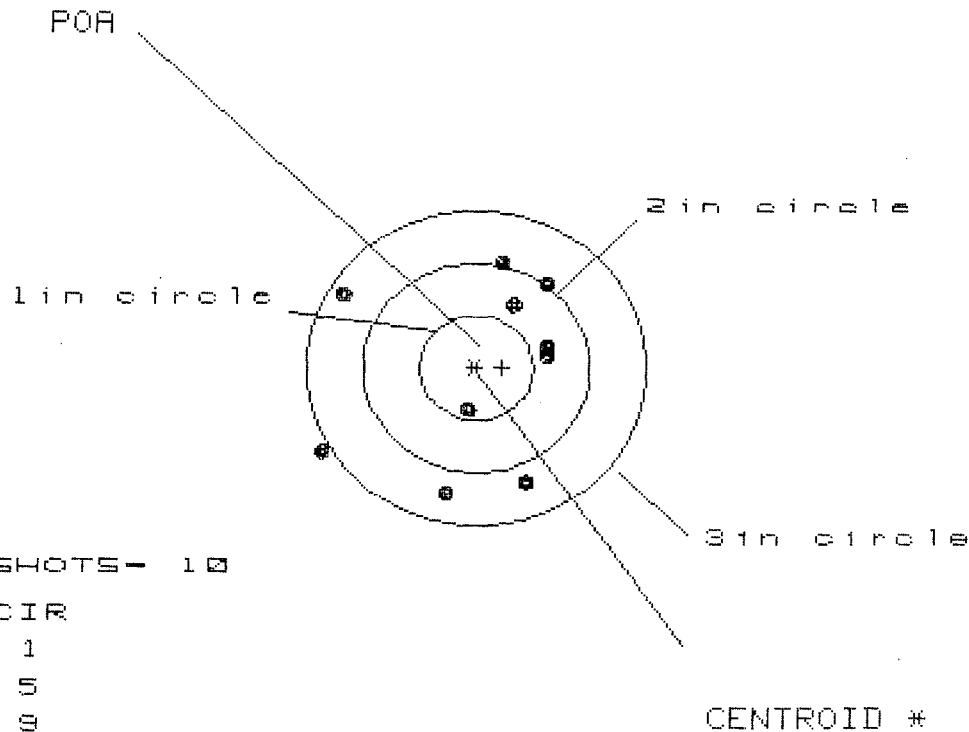
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.315	1.009	.874
MINIMUM X	:	-1.225	-1.078	-1.140
MAXIMUM Y	:	.834	.743	.665
MINIMUM Y	:	-.821	-.624	-.692
CENTROID X	:	-.234	-.381	-.246
CENTROID Y	:	-.068	.023	.101
POA TO CENTROID in.	:	.244	.381	.266
MIN RADIUS	:	.153	.071	.205
MEAN RADIUS	:	.947	.863	.809
MAX RADIUS	:	1.550	1.246	1.209
HORIZONTAL SPREAD	:	2.540	2.087	2.014
VERTICAL SPREAD	:	1.655	1.367	1.357
EXTREME SPREAD	:	2.845	2.303	2.303
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523459

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.034

VS= 2.117

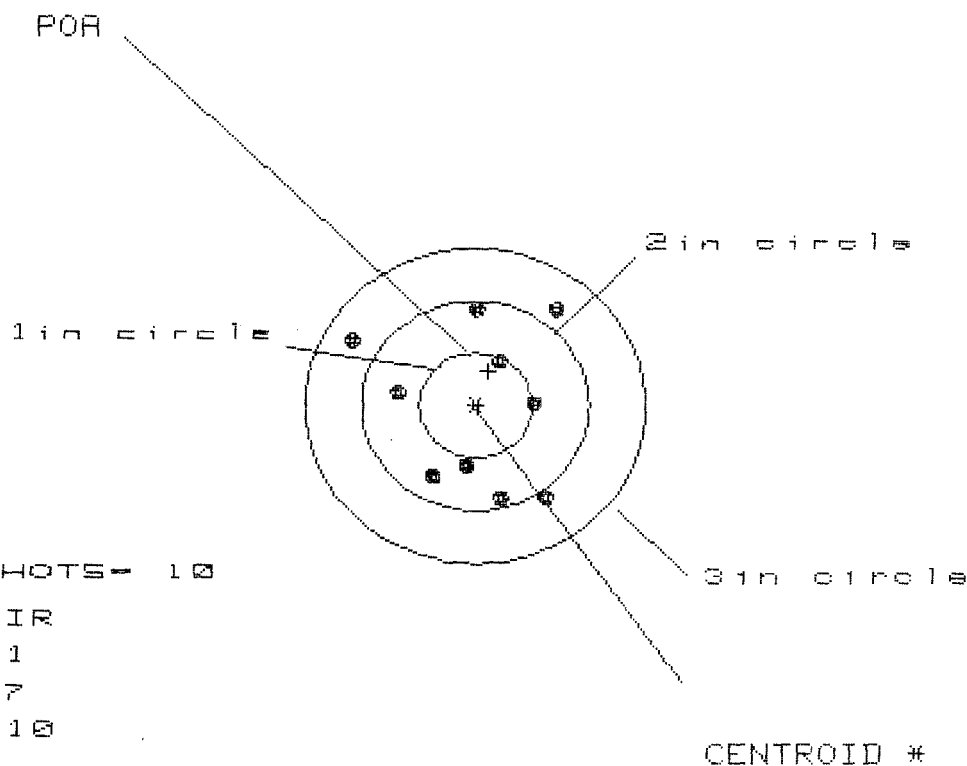
GS= 2.570

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.675	.524	.362
MINIMUM X	:	-1.359	-1.292	-.620
MAXIMUM Y	:	.960	.871	.946
MINIMUM Y	:	-1.157	-1.246	-1.171
CENTROID X	:	-.230	-.079	.083
CENTROID Y	:	-.009	.080	.005
POA TO CENTROID in.	:	.230	.113	.083
MIN RADIUS	:	.384	.492	.378
MEAN RADIUS	:	.973	.866	.769
MAX RADIUS	:	1.581	1.425	1.325
HORIZONTAL SPREAD	:	2.034	1.816	.982
VERTICAL SPREAD	:	2.117	2.117	2.117
EXTREME SPREAD	:	2.570	2.371	2.200
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08528453

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.771

VS = 1.840

GS = 2.262

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.684	.564	.533
MINIMUM X	-1.087	-.783	-.713
MAXIMUM Y	.927	.995	1.115
MINIMUM Y	-.913	-.845	-.725
CENTROID X	-.115	.005	-.065
CENTROID Y	-.325	-.393	-.513
POA TO CENTROID in.	.345	.393	.517
MIN RADIUS	.481	.368	.419
MEAN RADIUS	.832	.772	.714
MAX RADIUS	1.247	1.115	1.115
HORIZONTAL SPREAD	1.771	1.347	1.246
VERTICAL SPREAD	1.840	1.840	1.840
EXTREME SPREAD	2.262	1.914	1.914
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	