C6523459

MODEL 700 TH M24

Model 545 TH

Action

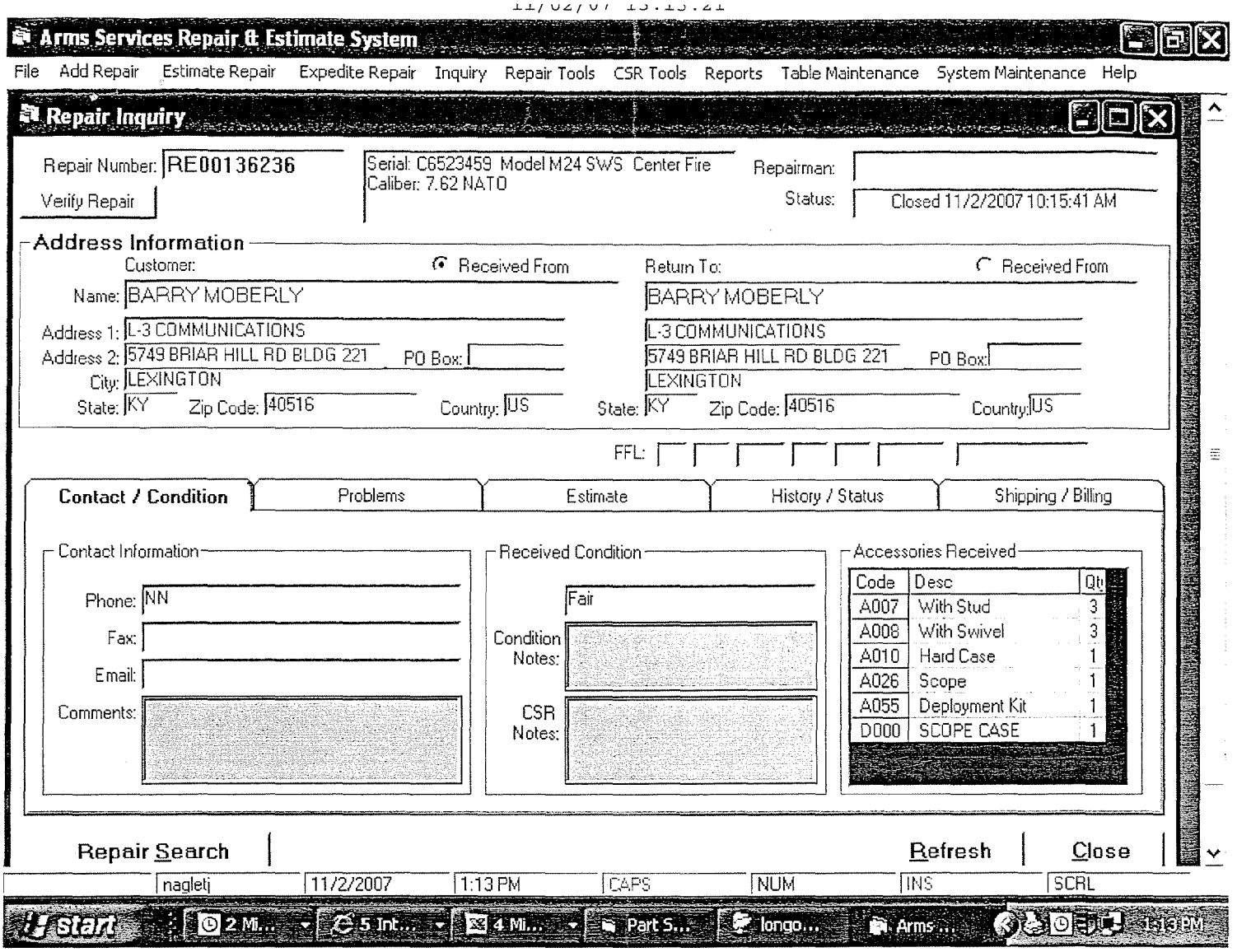
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6523459

Model: M24 SWS

RE00136236

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

R & E NUMBER 136236
SERIAL NUMBER C6523459
LOG-IN DATE 11-2-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-11-08	RTC
505	RE-BARREL		7-18-08	LR
560	ASSEMBLE		7-15-08	RSN
600	PROOF		7-16-08	TRW
605	CHECK HEADSPACE		7-16-08	TRW
610	DIS-ASSEMBLE GUN		7-18-08	RR
612	MAGNAFLUX	MAGNA-FLUX JUL 25 2008 OPERATOR BM	7/25/08	BM
510	DRILL AND TAP		7-19-08	JP
615	ROLLMARK CALIBER		7/25/08	RT
618	ROTO-BLAST		7/25/08	DS
620	APPLY COATINGS		8-1	
625	FINAL ASSEMBLY		8-5-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	9-3-08	S.P.D.
650	TARGET	(PASS) FAIL	9-3-08	S.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	8-3-08	TC
670	FINAL INSPECTION		9-10-08	RTC
	A) HEADSPACE	(PASS) FAIL	9-8-08	TC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.41 2.24 2.35 2.41 2.34	9-8-08	RSN
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	2 2 2	9-8-08	TC
	G) SAFETY OFF FORCE (2 LBS MIN)	3.5 3.5 3.5	9-8-08	TC
	I) FIRING PIN INDENT (.020)	.024 .024 .025	9-8-08	TC
690	PACK		9-11-08	TC

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523459.__0
FILE DATE AND TIME: 09/05/2008 13:39

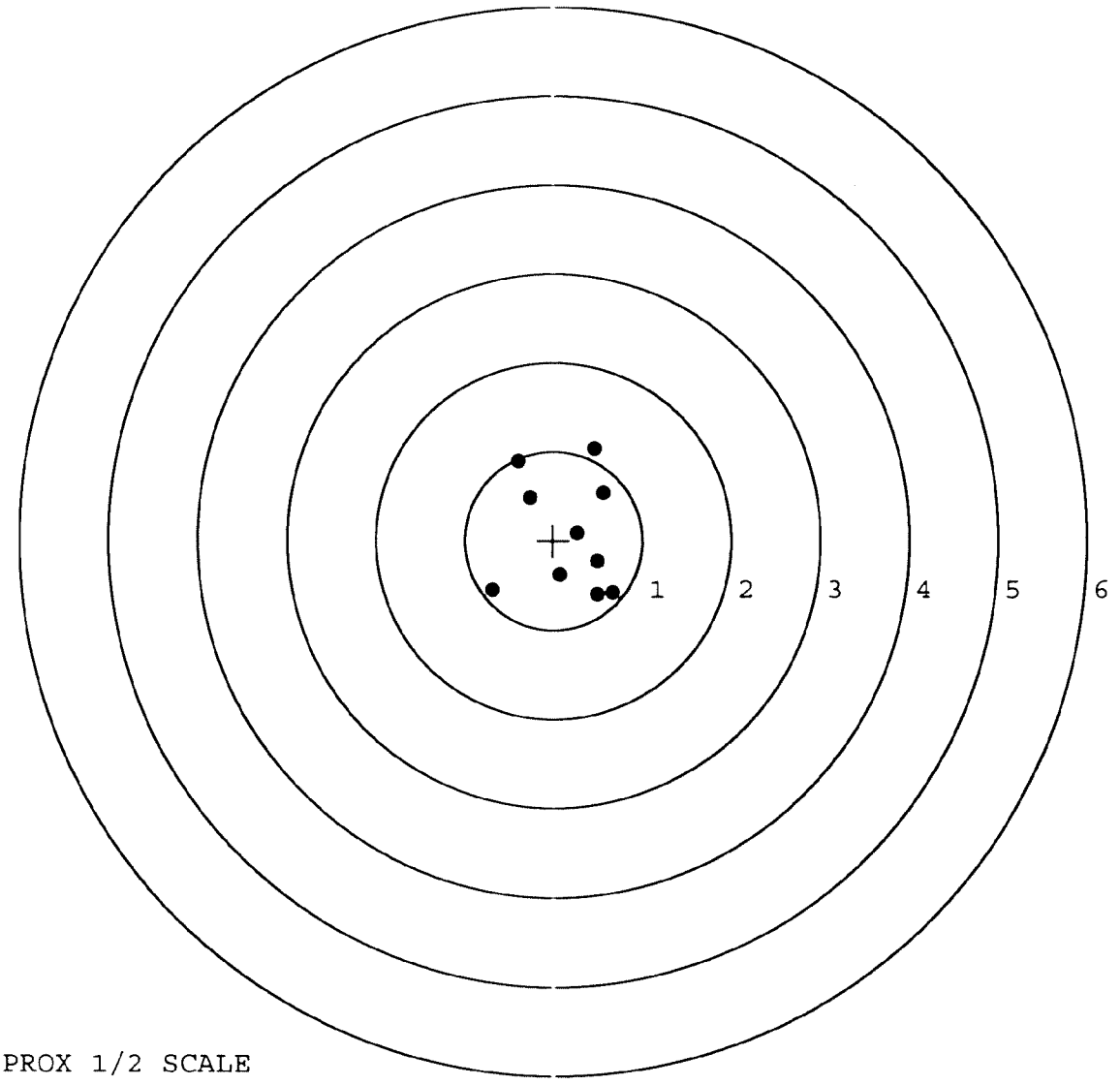
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

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

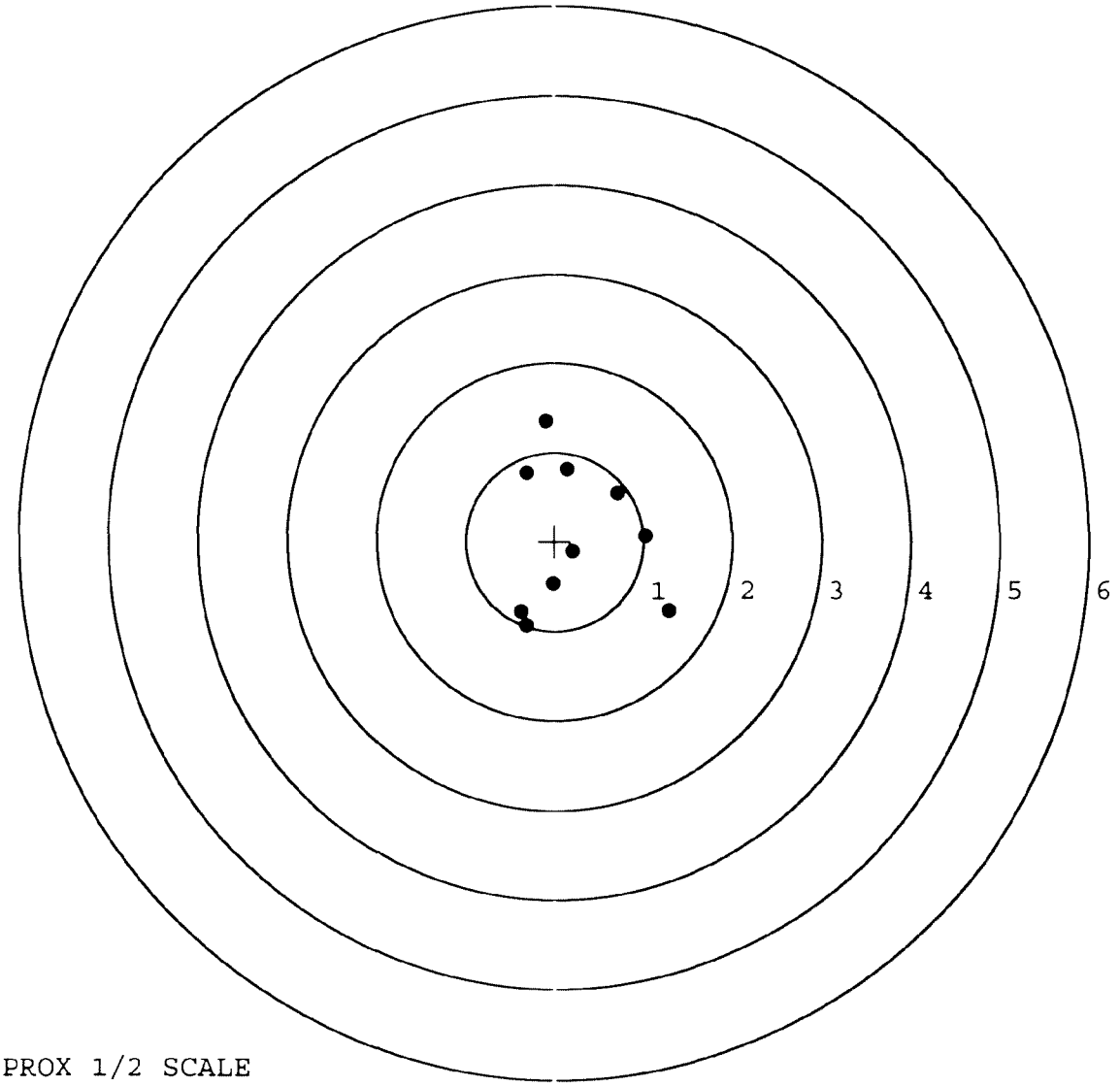


TARGET APPROX 1/2 SCALE

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

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

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

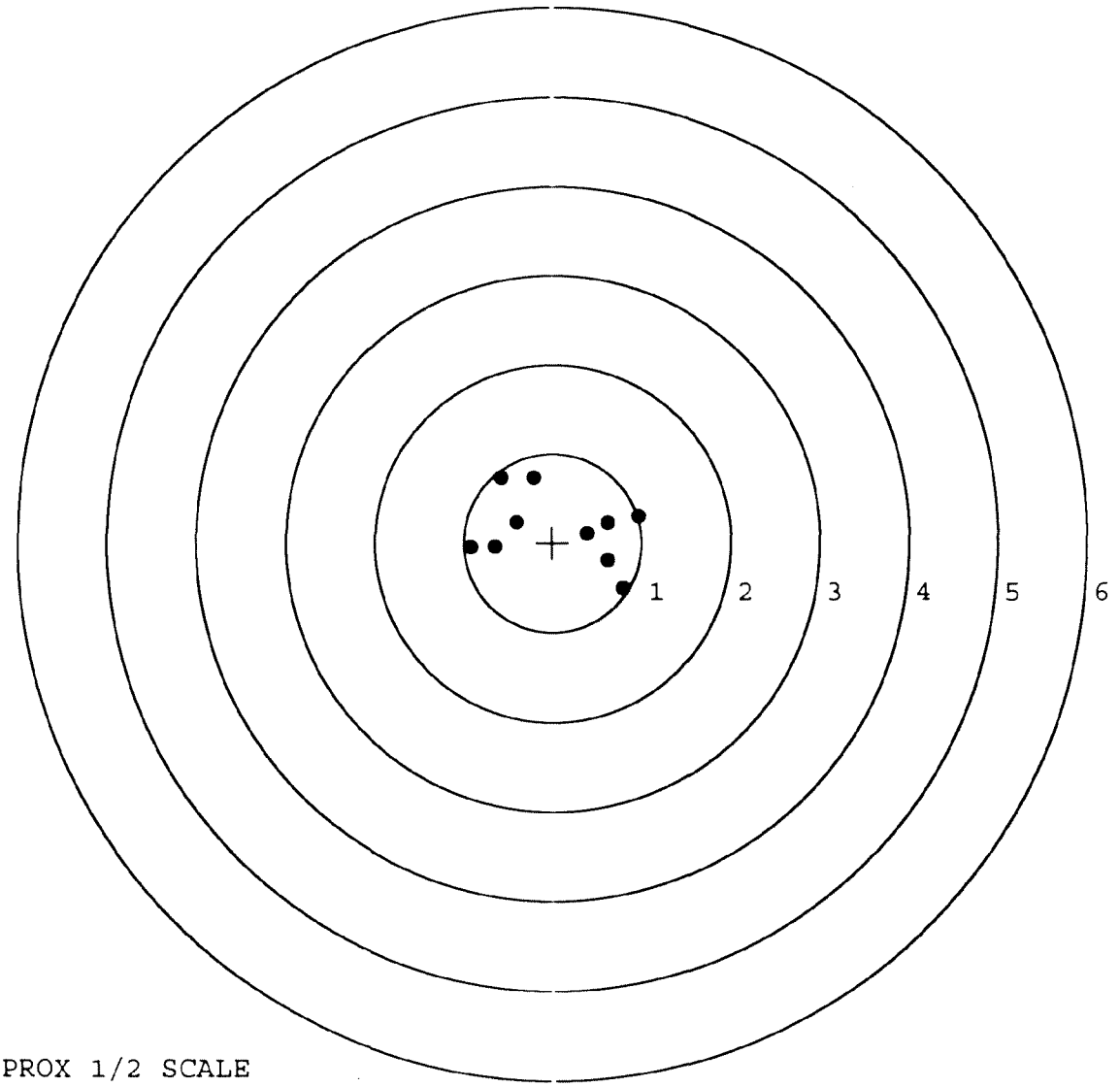


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523459.__0
TARGET NUMBER: 3
FILE DATE: 09/05/2008
FILE TIME: 13:39

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

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

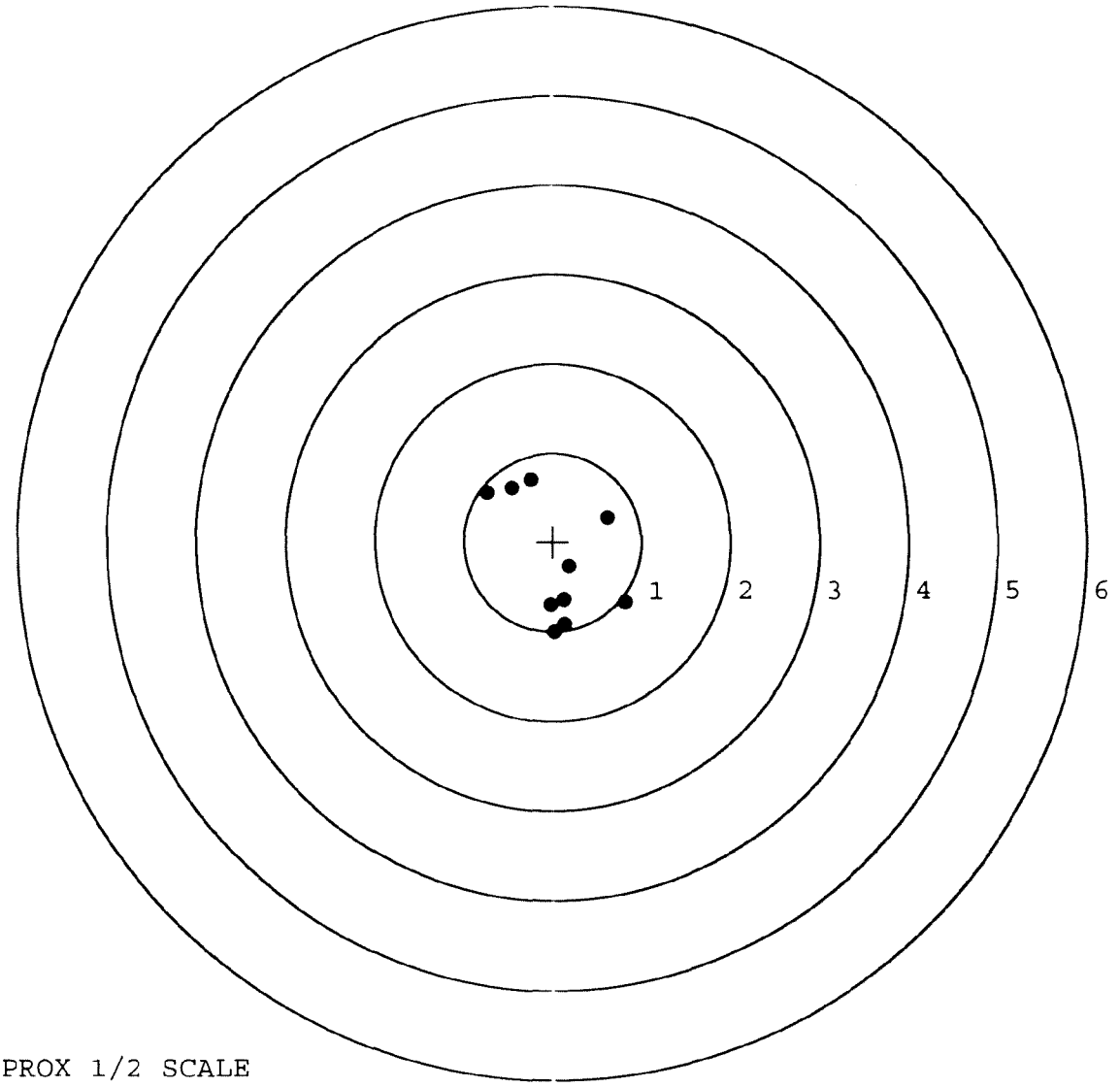


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523459.__0
TARGET NUMBER: 4
FILE DATE: 09/05/2008
FILE TIME: 13:39

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

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

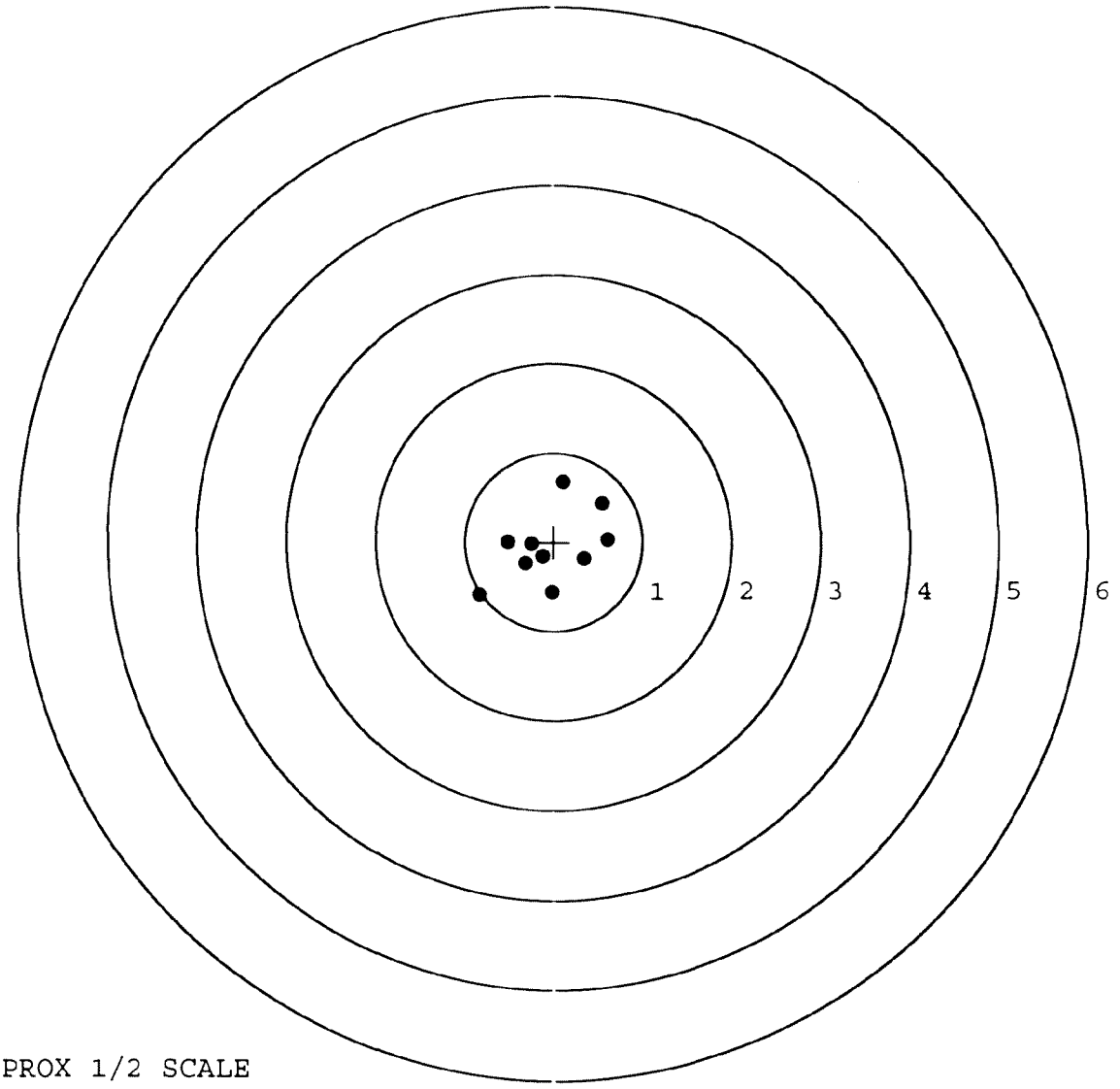


TARGET APPROX 1/2 SCALE

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

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

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



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS: Clicks 37 LEFT
W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

ORDER: R 94-18280
90-0313

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6523459		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

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

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	
	343.14	

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			10/21/95		

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. _____

DATE 10-20-95

TESTER DM

	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,
PULL #2	2.22	2.24	2.64		NO AVG. OF 5
PULL #3	2.22	2.27	2.61		READINGS ACCEPT-
PULL #4	2.30	2.31	2.51		ABLE LESS THAN 2#
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		

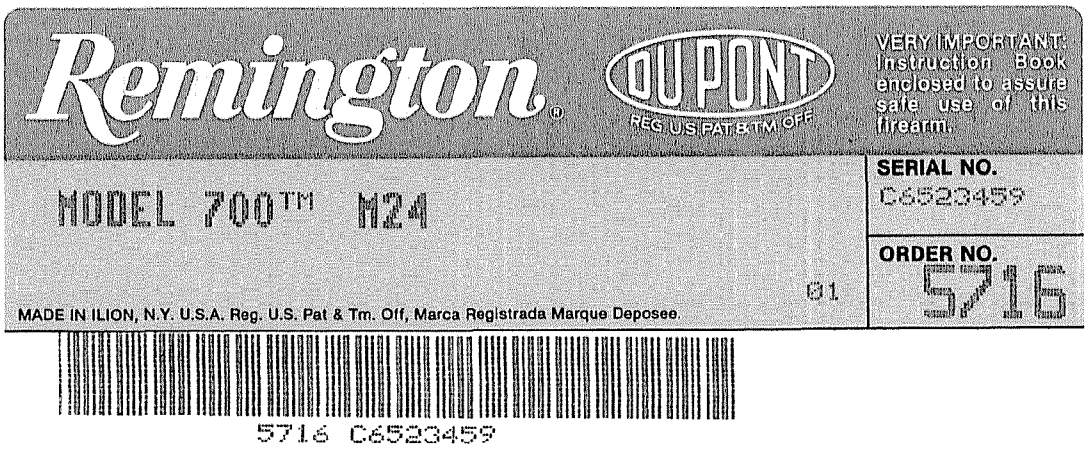
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	3.90	4.18	
PULL #2	4.04	3.96	4.09	
PULL #3	4.08	3.98	4.14	
PULL #4	4.00	3.80	4.16	
PULL #5	4.02	3.96	4.17	
TOTAL	20.20	19.60	20.74	
AVG.	4.04	3.92	4.14	

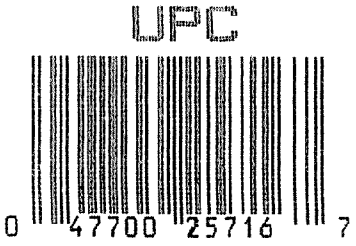
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523459

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 Clearity 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							





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	
617	Drill and Tap Sight Holes		10/18/90	FB
618	Polish Barrel RB		10/19/90	WB
620	Apply Coatings (Barrel Action)		11-5-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/9/90	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	

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 3/4	4 3/4	4 3/4	11/13/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/13/90	WB
	H) Trigger Pull Test & Retainability				11-13-90	
	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	
	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 Clearity of Scope				11-14-90	DH
645	Inspect for Live Ammo				11-14-90	DH
655	Final Inspection A) Headspace				11/19/90	
	B) Trigger Pull	257	242	249 256	12 1/2 5 11/19/90	
	C) Function				11/19/90	
660	Pack				12-7-90	DH

SWS TRIGGER PULL TEST

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	257	MIN. SETTING,
PULL #2	2.30	2.17	2.31	242	NO AVG. OF 5
PULL #3	2.15	2.21	2.30	249	READINGS ACCEPT-
PULL #4	2.30	2.42	2.21	256	ABLE LESS THAN 2#
PULL #5	2.13	2.45	2.25	245	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.48		
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

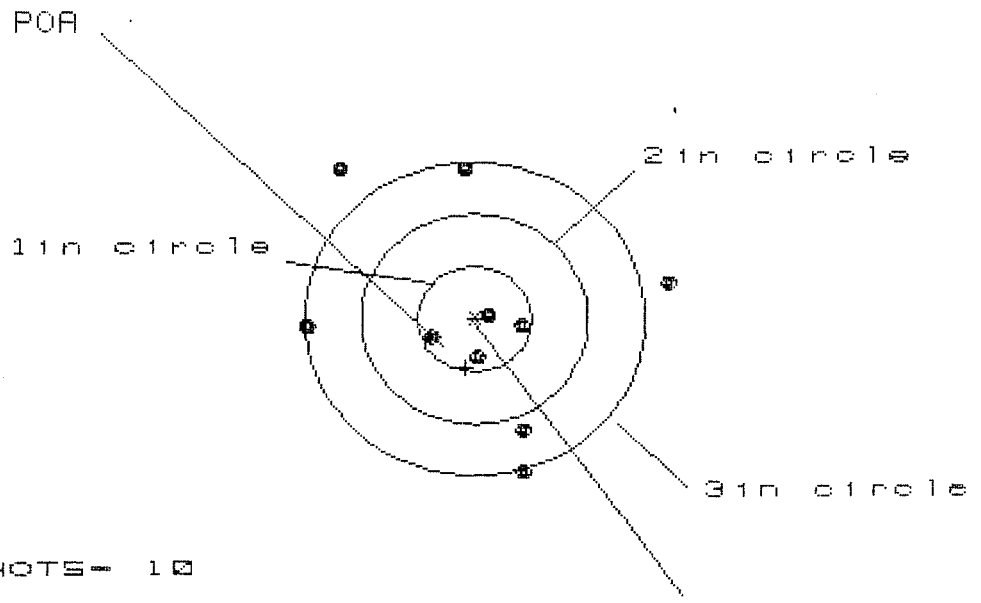
0	TO	1	.468062
1	TO	2	.219237
1	TO	3	.615683
1	TO	4	.563579
1	TO	5	.810069

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/C6523459

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

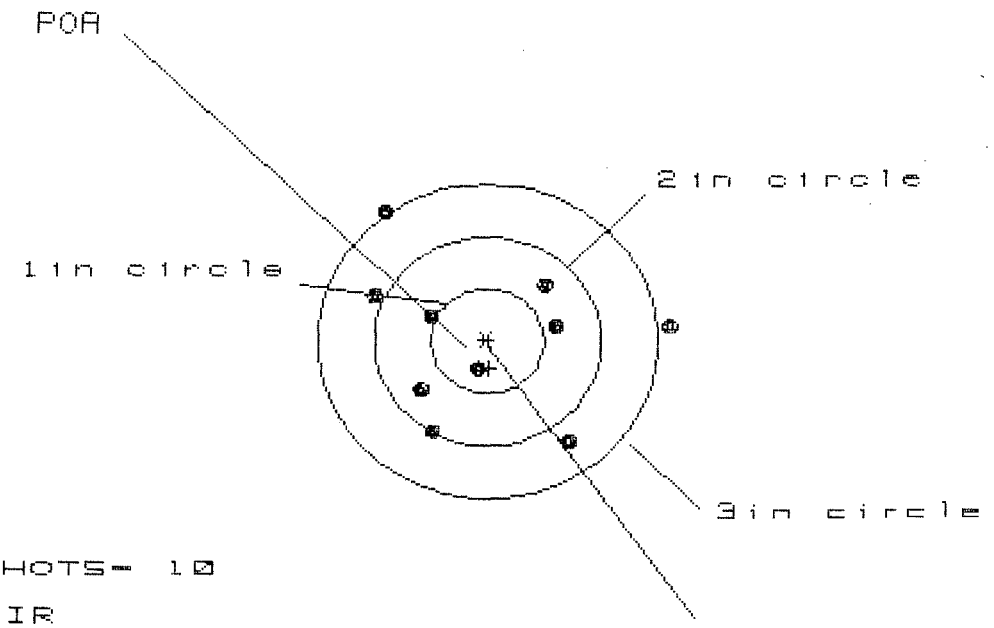
# IN CIR	
1in	= 4
2in	= 4
3in	= 6

HS= 3.234
VS= 2.871
GS= 3.265

PATTERN #	:	1		
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 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523459

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

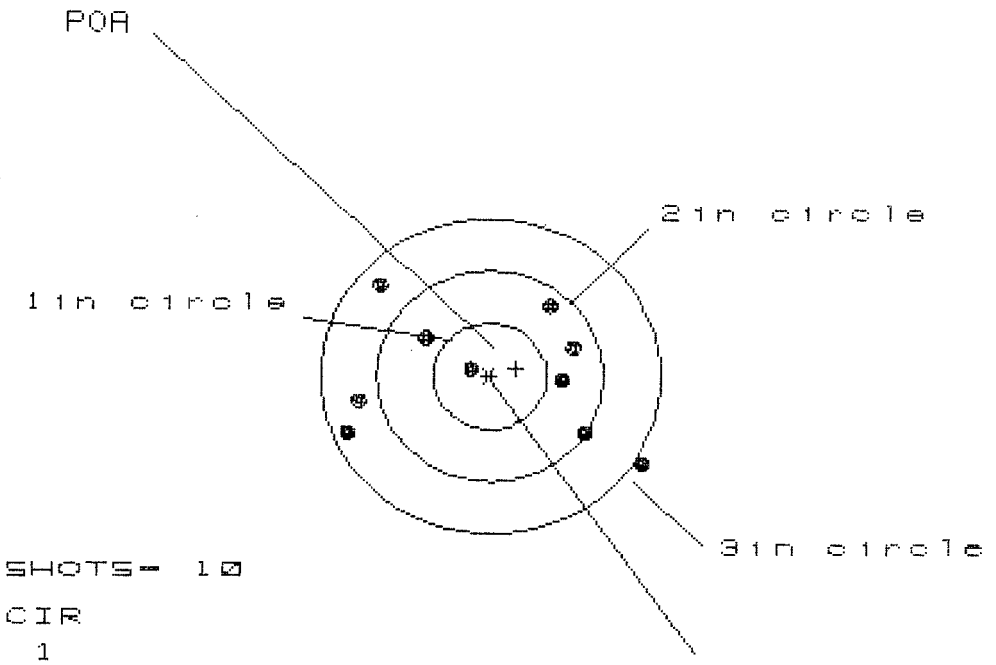
# IN CIR	
1in	1
2in	5
3in	9

HS= 2.568
VS= 2.182
GS= 2.696

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 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523459

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR
1 in = 1
2 in = 5
3 in = 9

HS= 2.540
VS= 1.655
GS= 2.845

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

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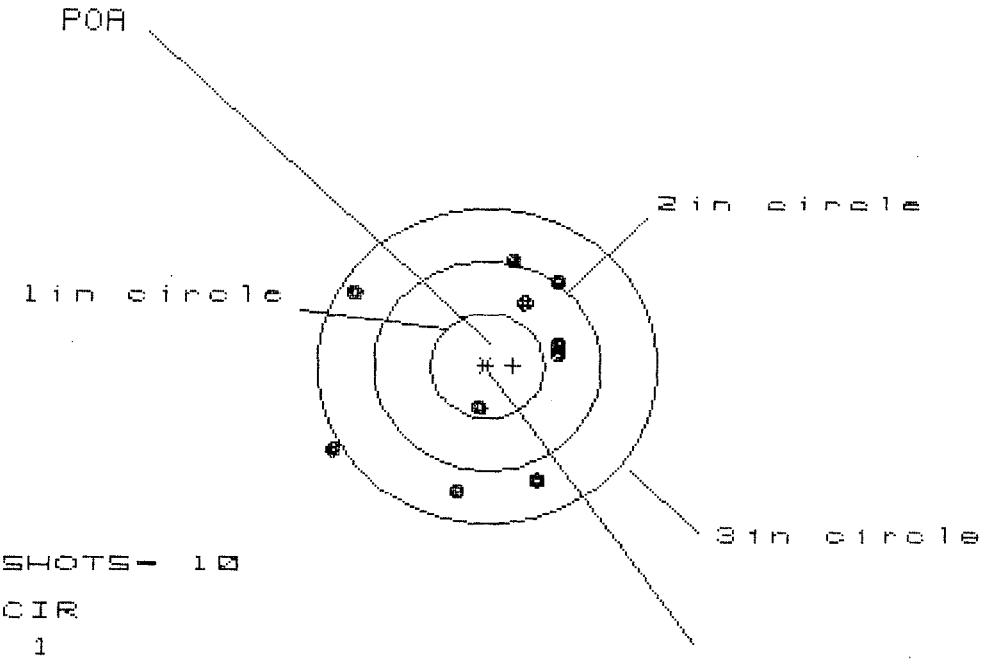
CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 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	

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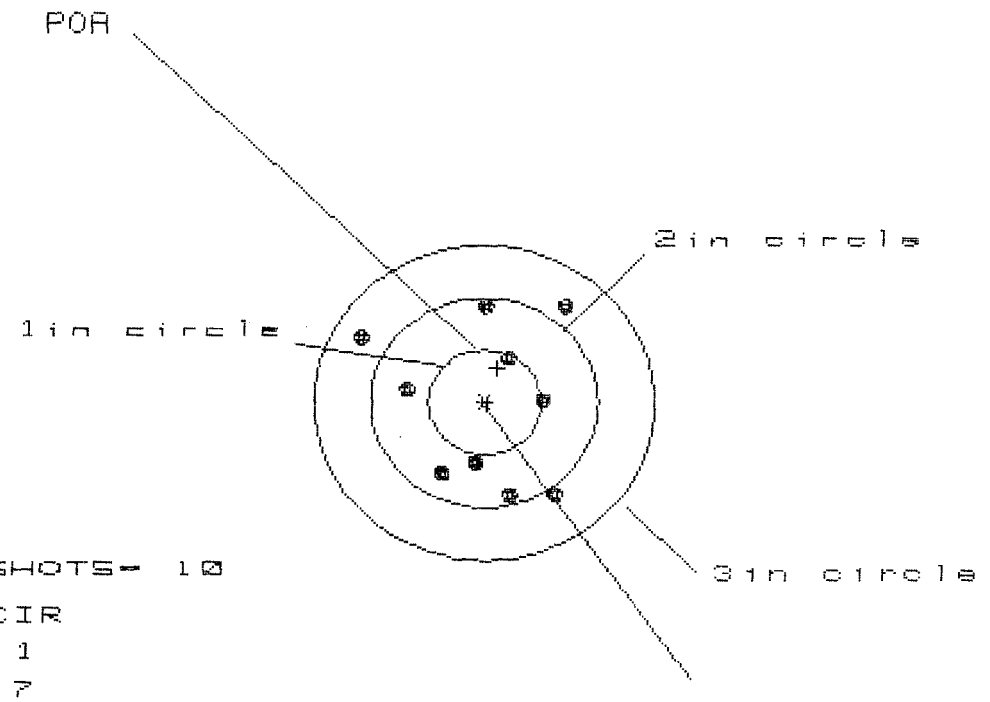
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1in	= 1
2in	= 7
3in	= 10

HS= 1.771
VS= 1.840
GS= 2.262

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	