C6611608

MODEL 700™ M24

Model SWS ™

Action

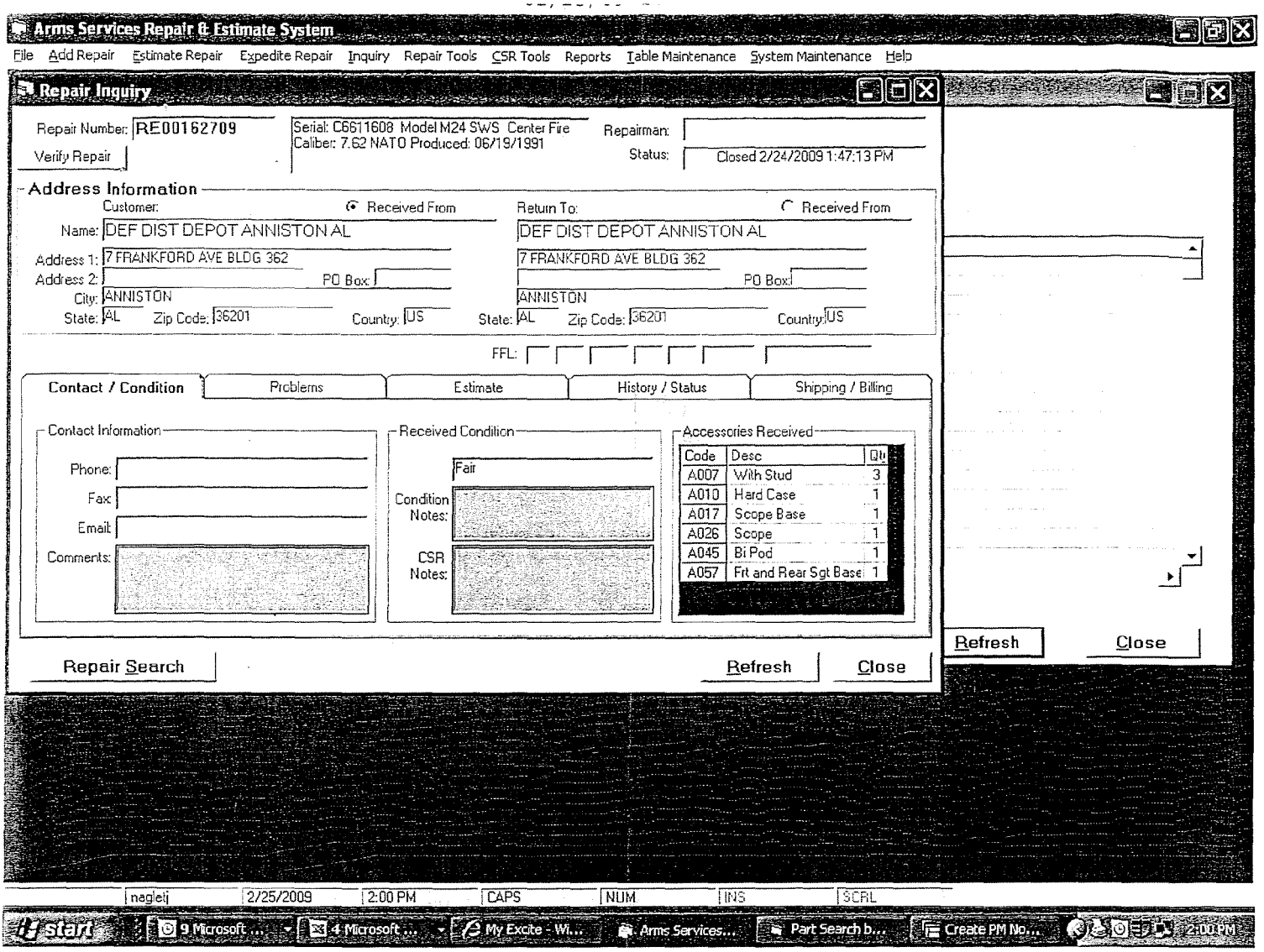
Barrel Length

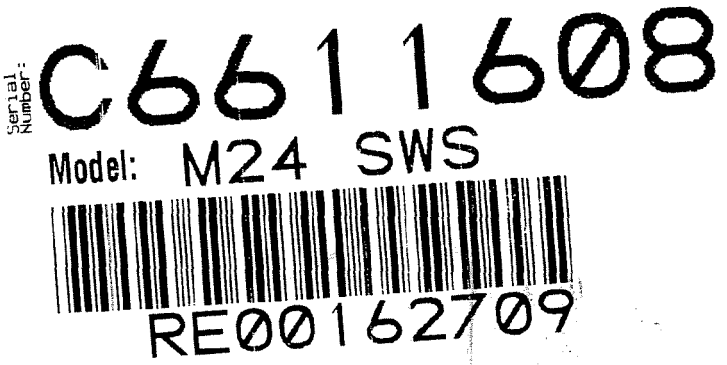
Capacity

Order No. 5716

*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: RE00162709
Verify Repair
Serial: C6611608 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991
Repairman:
Status: Closed 2/24/2009 1:47:13 PM
Address Information
Customer: Received From
Name: DEF DIST DEPOT ANNISTON AL
Address 1: 7 FRANKFORD AVE BLDG 362
Address 2: PO Box:
City: ANNISTON
State: AL Zip Code: 36201 Country: US
Return To: Received From
DEF DIST DEPOT ANNISTON AL
7 FRANKFORD AVE BLDG 362
PO Box:
ANNISTON
State: AL Zip Code: 36201 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qu
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A045 Bi Pod 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
Refresh
Close
nagleti 2/25/2009 2:00 PM CAPS NUM INS SCRL
start
9 Microsoft ...
4 Microsoft ...
My Excite - Wi...
Arms Services...
Part Search b...
Create PM No...
2:00 PM


Serial Number:
C6611608
Model: M24 SWS
RE00162709

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

R & E NUMBER 162209
SERIAL NUMBER C16611608
LOG-IN DATE 2-24-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-16-09	RTC
505	RE-BARREL		6-24-09	RTC
420	ASSEMBLE		6-24-09	RTC
440	PROOF		6-23-09	
460	CHECK HEADSPACE		6-23-09	
470	DIS-ASSEMBLE GUN		6-23-09	
480	MAGNAFLUX	6/26/09	[redacted]	
510	DRILL AND TAP		6-24-09	
500	ROLLMARK CALIBER		6/26/09	
520	GOFF BLAST BBL / REC		6/26	
530 & 540	APPLY COATINGS		7/2	—
560	FINAL ASSEMBLY		7-9-09	RTC
640	FUNCTION TEST AND	(PASS) FAIL	7-9-09	
650	TARGET	(PASS) FAIL	7-9-09	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	7-9-09	RP
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	7-13-09	
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.58 2.67 2.74 2.73 2.70	7-13-09	
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.0 4.0 4.0	7-13-09	
	G) SAFETY OFF FORCE (2 LBS MIN)	5.0 5.0 5.0	7-13-09	
	I) FIRING PIN INDENT (.020)	.023 .023 .023	7-13-09	
690	PACK		7/16/09	

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611608.__0
FILE DATE AND TIME: 07/10/2009 07:35

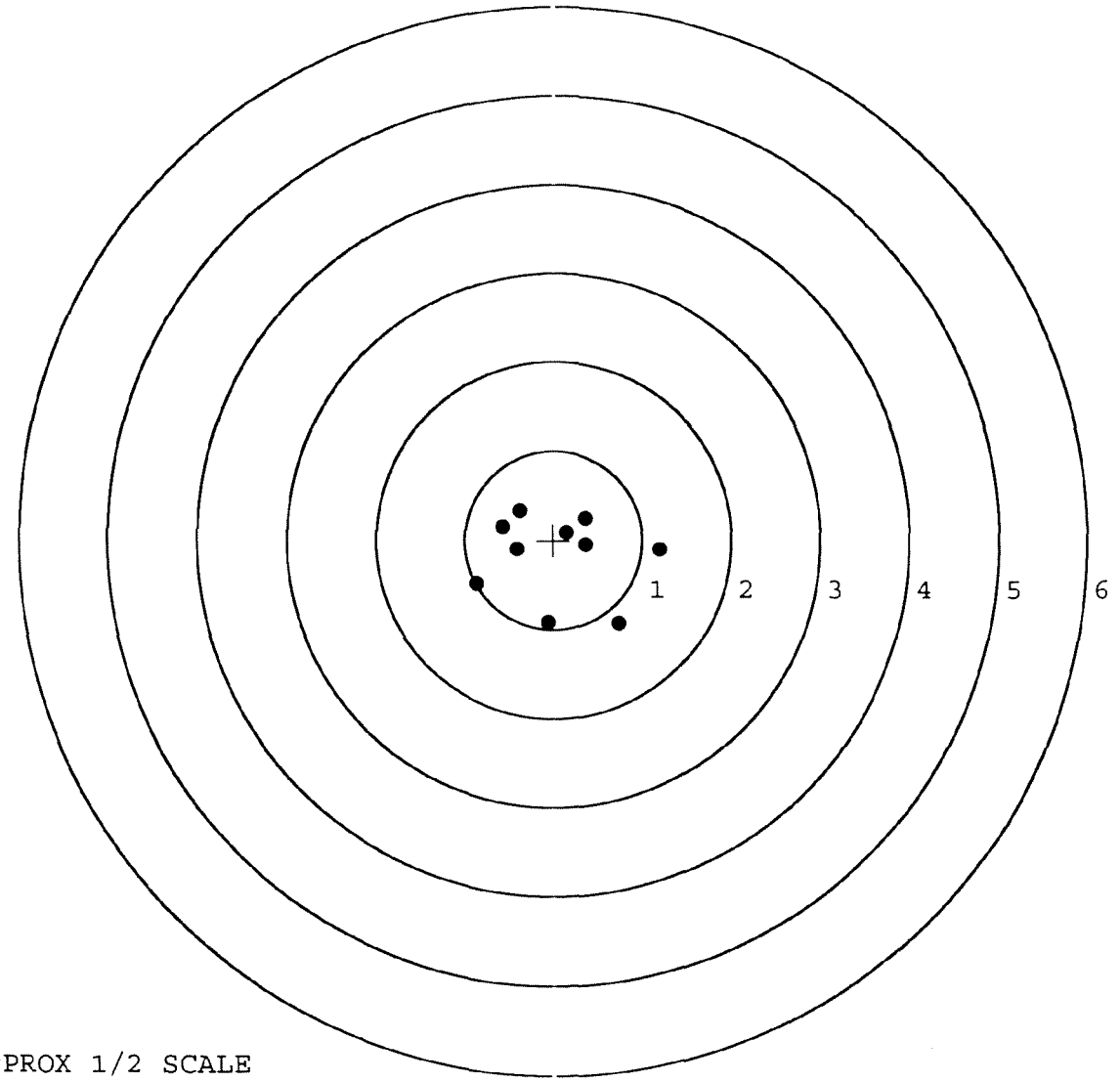
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.010
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.574
The Distance from POA to Centroid Target #1:	0.187
The Distance from Centroid Target #2 to Centroid Target #1:	0.197
The Distance from Centroid Target #3 to Centroid Target #1:	0.175
The Distance from Centroid Target #4 to Centroid Target #1:	0.167
The Distance from Centroid Target #5 to Centroid Target #1:	0.056

SERIAL NUMBER: C6611608.__0
TARGET NUMBER: 1
FILE DATE: 07/10/2009
FILE TIME: 07:35

X CENTROID:	0.052
Y CENTROID:	-0.180
POA TO CENTROID:	0.187
HORZ SPREAD:	2.066
VERT SPREAD:	1.274
GROUP SPREAD:	2.100
MIN RADIUS:	0.288
MAX RADIUS:	1.144
MEAN RADIUS:	0.692
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.381	0.335
2:	-0.577	0.154
3:	-0.407	-0.105
4:	-0.872	-0.489
5:	0.366	0.249
6:	0.151	0.090
7:	0.373	-0.052
8:	-0.061	-0.933
9:	0.734	-0.939
10:	1.194	-0.110

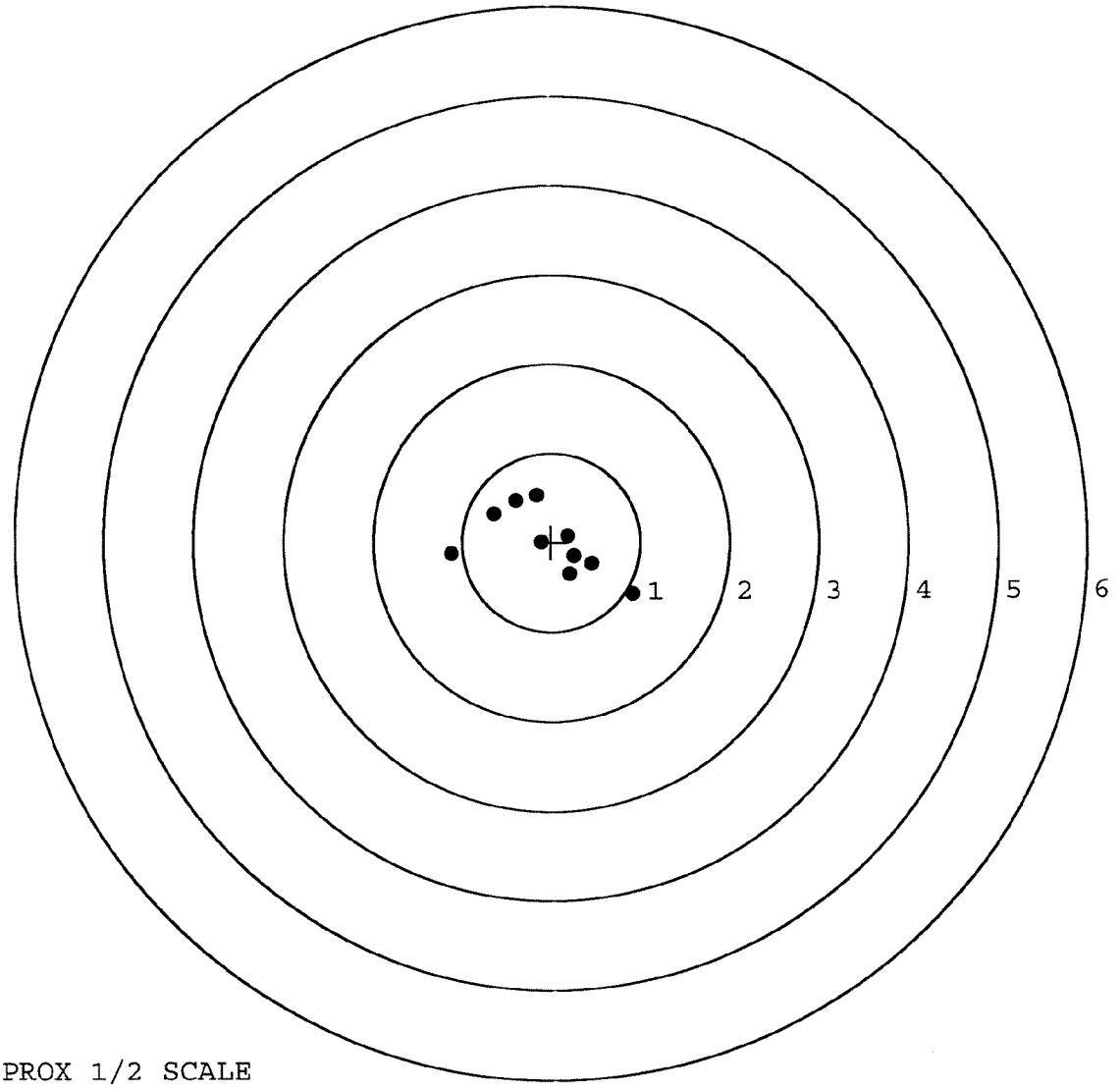


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608.__0
TARGET NUMBER: 2
FILE DATE: 07/10/2009
FILE TIME: 07:35

X CENTROID:	-0.042
Y CENTROID:	-0.007
POA TO CENTROID:	0.042
HORZ SPREAD:	2.037
VERT SPREAD:	1.115
GROUP SPREAD:	2.089
MIN RADIUS:	0.076
MAX RADIUS:	1.117
MEAN RADIUS:	0.568
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.124	-0.121
2:	0.913	-0.586
3:	0.459	-0.246
4:	0.207	-0.357
5:	0.192	0.071
6:	-0.117	0.004
7:	-0.161	0.529
8:	-0.397	0.473
9:	-0.643	0.326
10:	0.254	-0.158

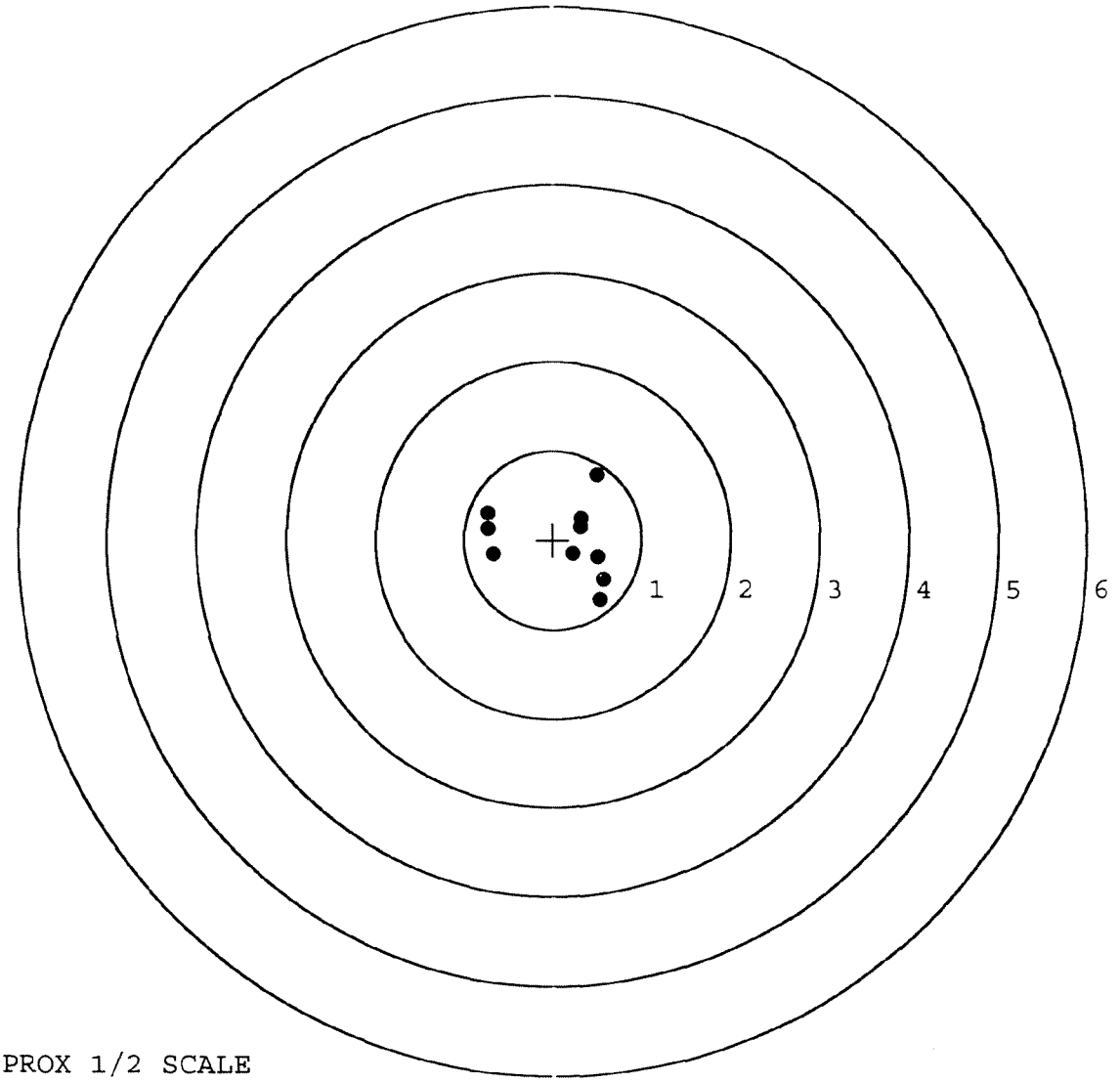


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608.__0
TARGET NUMBER: 3
FILE DATE: 07/10/2009
FILE TIME: 07:35

X CENTROID:	0.083
Y CENTROID:	-0.007
POA TO CENTROID:	0.083
HORZ SPREAD:	1.302
VERT SPREAD:	1.402
GROUP SPREAD:	1.596
MIN RADIUS:	0.210
MAX RADIUS:	0.873
MEAN RADIUS:	0.607
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.734	0.301
2:	-0.734	0.127
3:	-0.669	-0.160
4:	0.505	0.729
5:	0.316	0.242
6:	0.530	-0.673
7:	0.568	-0.445
8:	0.508	-0.189
9:	0.229	-0.159
10:	0.312	0.152

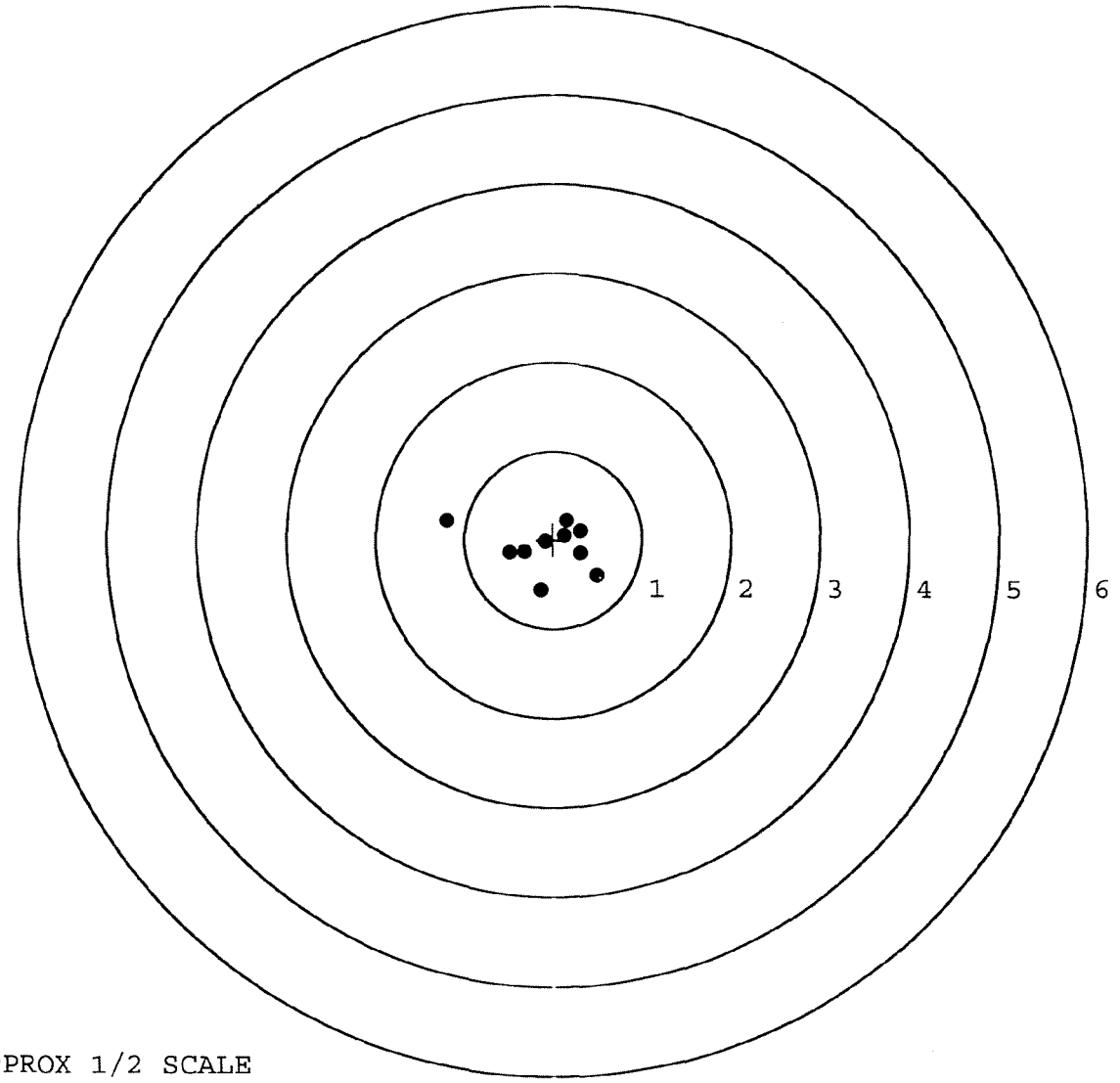


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608.__0
TARGET NUMBER: 4
FILE DATE: 07/10/2009
FILE TIME: 07:35

X CENTROID:	-0.085
Y CENTROID:	-0.084
POA TO CENTROID:	0.120
HORZ SPREAD:	1.699
VERT SPREAD:	0.784
GROUP SPREAD:	1.807
MIN RADIUS:	0.059
MAX RADIUS:	1.156
MEAN RADIUS:	0.449
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.202	0.215
2:	-0.144	-0.567
3:	-0.489	-0.142
4:	0.497	-0.401
5:	-0.322	-0.136
6:	0.158	0.217
7:	0.305	0.106
8:	0.312	-0.153
9:	0.127	0.047
10:	-0.093	-0.026

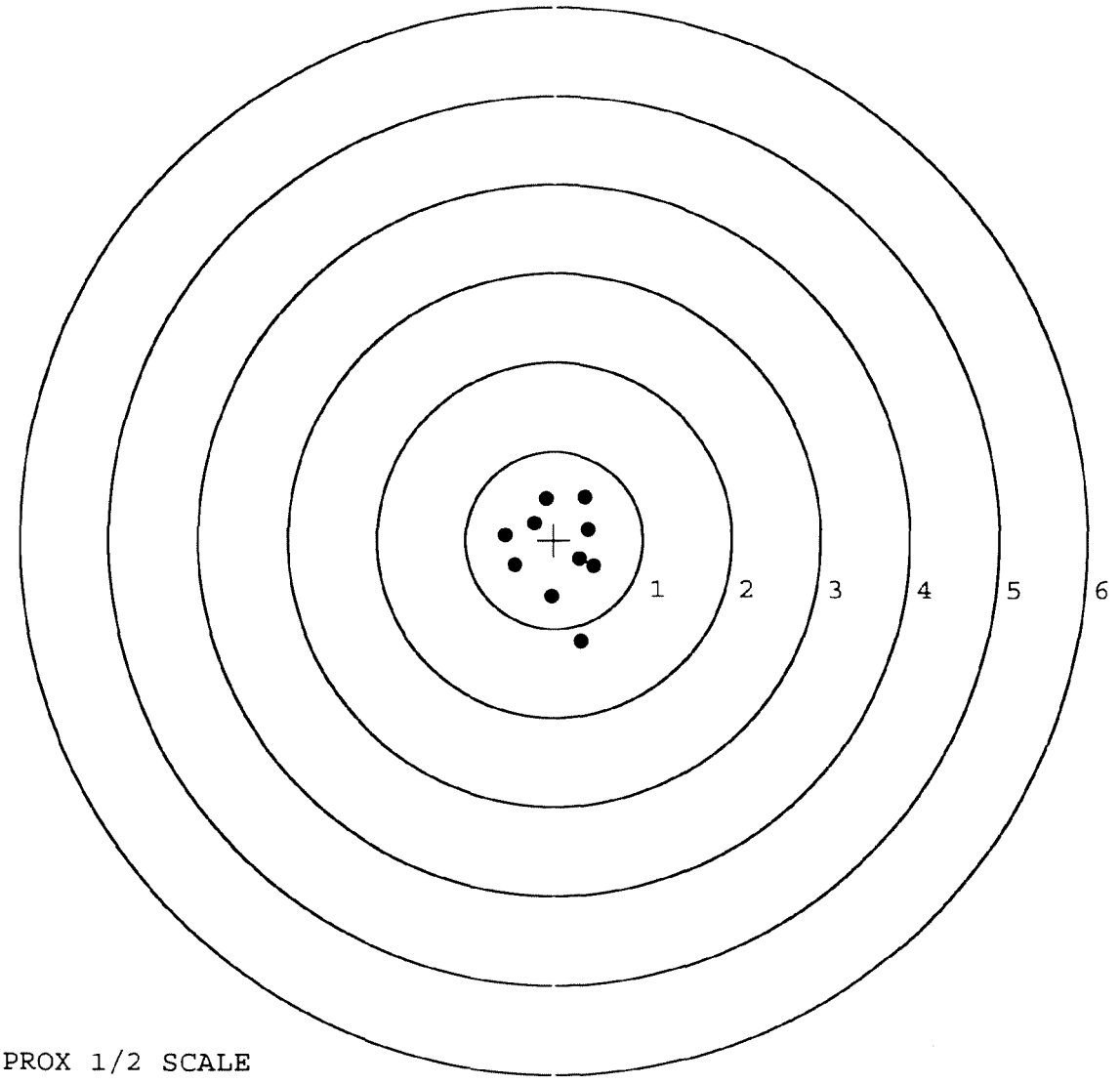


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608.__0
TARGET NUMBER: 5
FILE DATE: 07/10/2009
FILE TIME: 07:35

X CENTROID:	0.043
Y CENTROID:	-0.124
POA TO CENTROID:	0.132
HORZ SPREAD:	0.998
VERT SPREAD:	1.631
GROUP SPREAD:	1.664
MIN RADIUS:	0.262
MAX RADIUS:	1.051
MEAN RADIUS:	0.555
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.307	-1.142
2:	-0.033	-0.645
3:	0.451	-0.290
4:	0.291	-0.208
5:	0.388	0.125
6:	0.347	0.489
7:	-0.097	0.472
8:	-0.233	0.187
9:	-0.547	0.054
10:	-0.442	-0.285



TARGET APPROX 1/2 SCALE

Remington®

DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6611608

ORDER NO.
5716

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

20

5716 C6611608

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611608

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/19/91	KS.
600	Proof		3/19/91	KS.
607	Check Headspace		3/19/91	KS
610	Dis-assemble Gun		3/19/91	KS
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		1'	GS.
617	Drill and Tap Sight Holes	APR	3 1991	KB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-19-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-10-91	DH
	G) Safety Off Force	3	3	3			5-10-91	DH
	H) Trigger Pull Test & Retainability						5-10-91	DH
	I) Firing Pin Indent	.021	.020	.020			5-10-91	DH
	J) Assemble Stock						5-10-91	KS
	K) Assemble Swivel Studs						5-20-91	DH
	L) Attach Front and Rear Sight Assemblies						5/10/91	KS
	M) Iron Sight Alignment						5/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/10/91	KS
	O) Attach Scope to Rifle						5/10/91	KS
	P) Detach & Attach Scope 20 Times						5/10/91	KS
640	Gallery Target & Test						5-14-91	DH
	A) Time						5-14-91	DH
	B) Malfunctions						5-14-91	DH
	C) Pierced Primers						5-14-91	DH
	D) Optical Clearity of Scope						5-14-91	DH
645	Inspect for Live Ammo						5-14-91	DH
655	Final Inspection A) Headspace						5-20-91	DH
	B) Trigger Pull	2.58	2.58	2.55	2.49	2.56	5/20/91	DH
	C) Function						5-20-91	DH
660	Pack						6-18-91	NS

SWS TRIGGER PULL TEST

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

SERIAL NO. CCC11608

DATE 5-10-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.57	2.56	2.58	MIN. SETTING,
PULL #2	2.52	2.54	2.44	2.58	NO AVG. OF 5
PULL #3	2.63	2.49	2.56	2.55	READINGS ACCEPT-
PULL #4	2.46	2.54	2.23	2.49	ABLE LESS THAN 2#
PULL #5	2.63	2.49	2.70	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.30		
PULL #2	3.11	3.38		
PULL #3	3.29	3.36		
PULL #4	3.32	3.29		
PULL #5	3.35	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.10		4.00
PULL #2	4.10	4.07		4.00
PULL #3	4.17	4.19		3.96
PULL #4	4.20	4.05		4.08
PULL #5	4.13	4.06		4.12
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611608
14 May 1991

CENTROIDAL DISTANCES

0	TO	1	.165061
1	TO	2	.152869
1	TO	3	.174003
1	TO	4	.429042
1	TO	5	.250906

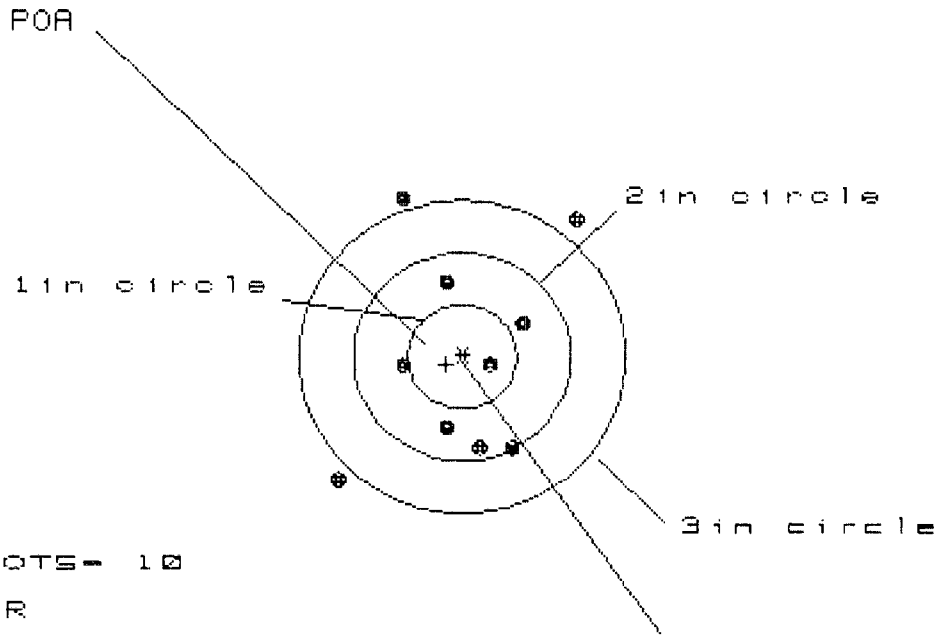
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0336
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .078
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .11

THE AMP FOR THIS RIFLE IS: .9216

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611608

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 7

HS= 2.211
VS= 2.654
GS= 3.337

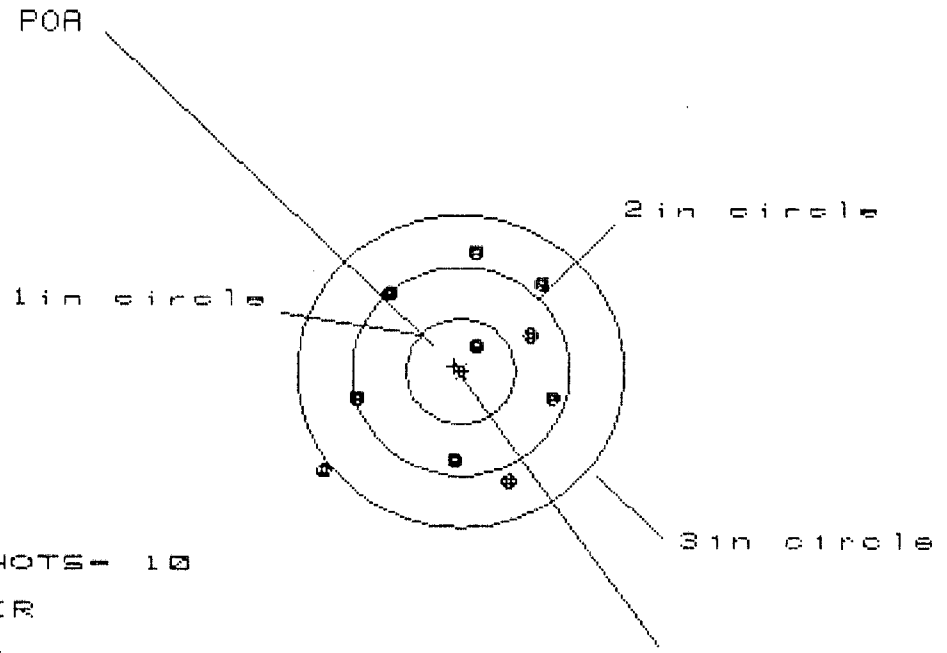
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.067	.686	.558
MINIMUM X :	-1.144	-1.026	-.541
MAXIMUM Y :	1.474	1.620	1.491
MINIMUM Y :	-1.180	-1.034	-.882
CENTROID X :	.146	.028	.156
CENTROID Y :	.077	-.069	.060
POA TO CENTROID in.:	.165	.074	.167
MIN RADIUS :	.292	.391	.277
MEAN RADIUS :	.970	.875	.792
MAX RADIUS :	1.696	1.672	1.586
HORIZONTAL SPREAD :	2.211	1.712	1.099
VERTICAL SPREAD :	2.654	2.654	2.373
EXTREME SPREAD :	3.337	2.724	2.588

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 7

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811608

CENTERFIRE PATTERNS # 2

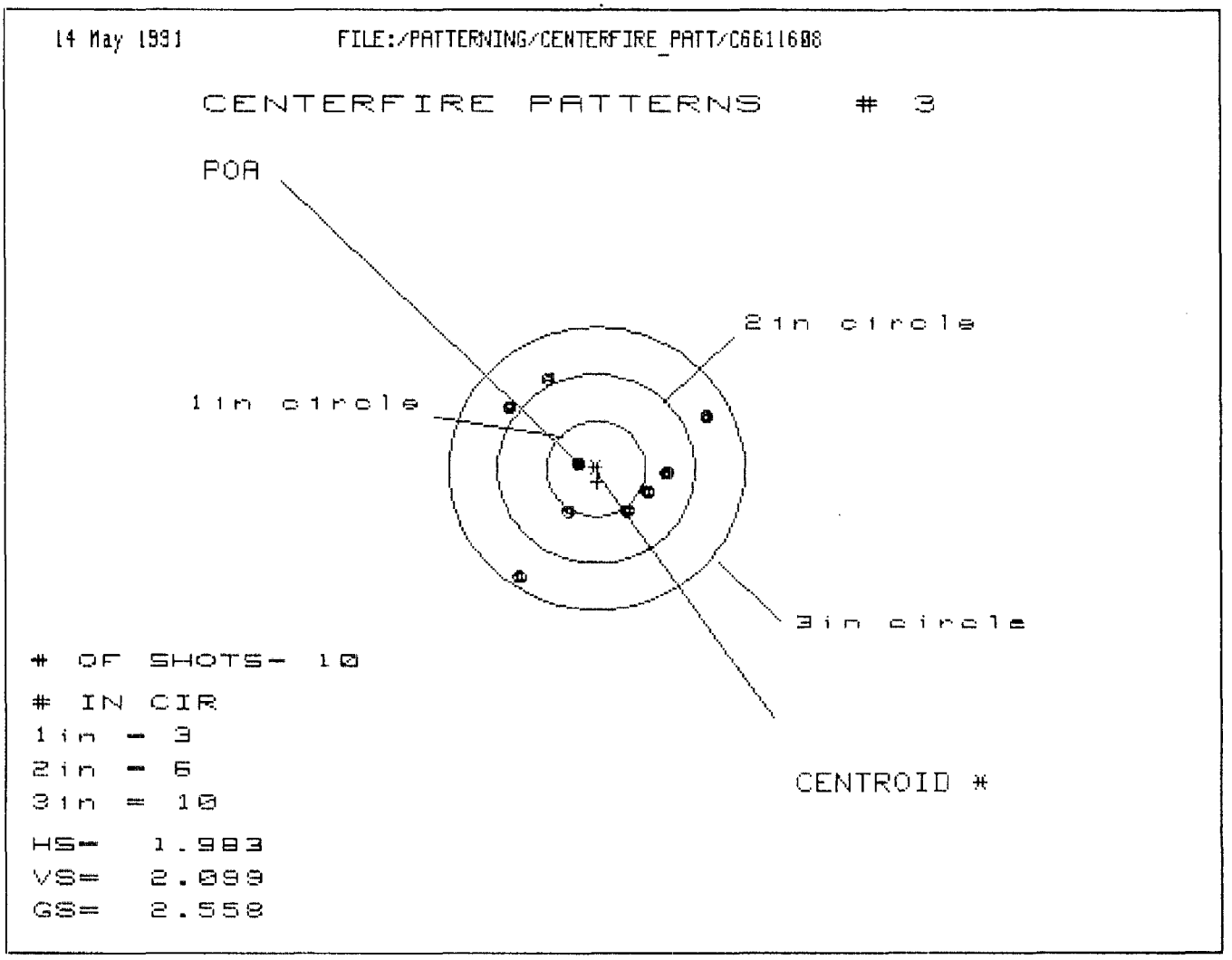


OF SHOTS= 10

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

HS= 2.060
VS= 2.253
GS= 2.643

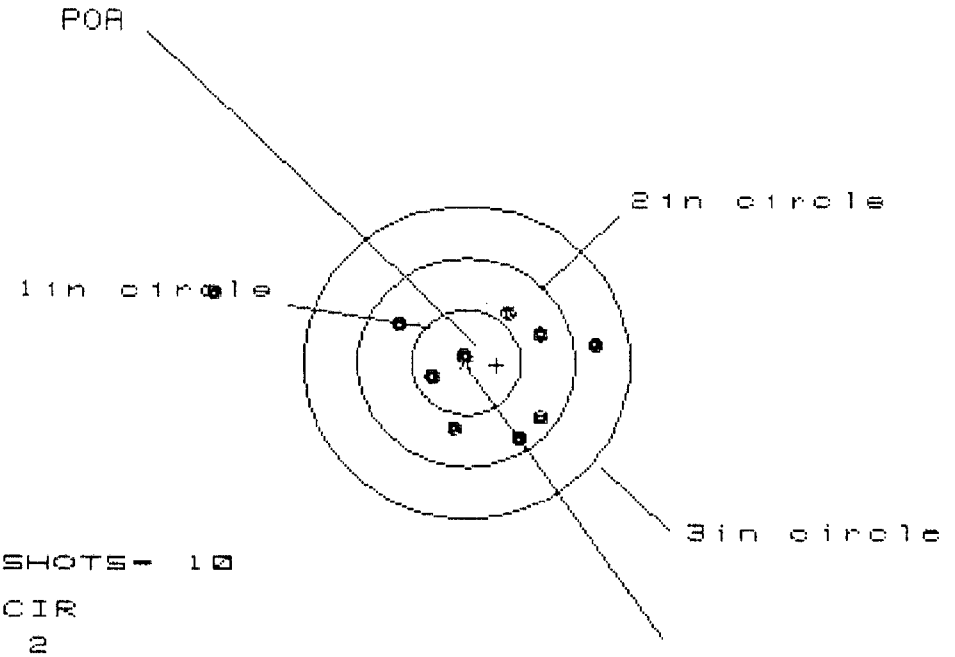
PATTERN #	:	'2'		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.654	.652
MINIMUM X	:	-1.265	-1.068	-1.070
MAXIMUM Y	:	1.194	1.092	.866
MINIMUM Y	:	-1.059	-1.161	-1.025
CENTROID X	:	.058	.199	.201
CENTROID Y	:	-.048	.054	-.082
POA TO CENTROID in.	:	.076	.206	.217
MIN RADIUS	:	.277	.118	.251
MEAN RADIUS	:	.970	.866	.845
MAX RADIUS	:	1.566	1.200	1.136
HORIZONTAL SPREAD	:	2.060	1.722	1.722
VERTICAL SPREAD	:	2.253	2.253	1.891
EXTREME SPREAD	:	2.643	2.275	2.129
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	1.063	.715
MINIMUM X	:	-.835	-.920	-.787
MAXIMUM Y	:	.924	.794	.843
MINIMUM Y	:	-1.175	-.561	-.512
CENTROID X	:	-.015	.070	-.063
CENTROID Y	:	.143	.273	.224
POA TO CENTROID in.	:	.143	.282	.233
MIN RADIUS	:	.192	.259	.126
MEAN RADIUS	:	.739	.675	.586
MAX RADIUS	:	1.401	1.134	.974
HORIZONTAL SPREAD	:	1.983	1.983	1.502
VERTICAL SPREAD	:	2.099	1.355	1.355
EXTREME SPREAD	:	2.558	1.987	1.657
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811608

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

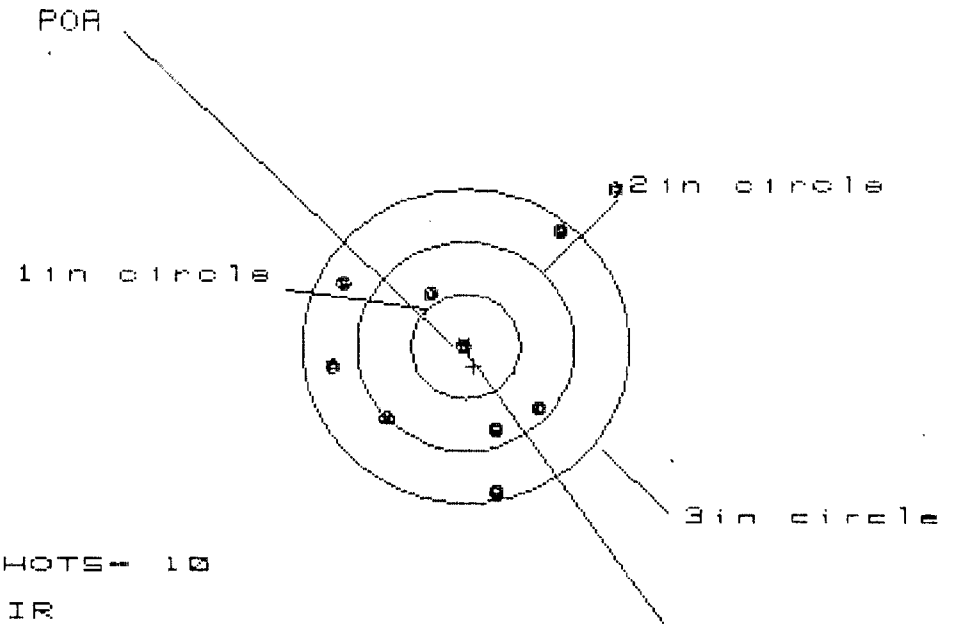
# IN CIR
1in = 2
2in = 8
3in = 9

HS= 3.517
VS= 1.357
GS= 3.546

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	.889	.536
MINIMUM X	:	-2.365	-.918	-.807
MAXIMUM Y	:	.630	.540	.571
MINIMUM Y	:	-.727	-.657	-.626
CENTROID X	:	-.280	-.017	-.128
CENTROID Y	:	.026	-.044	-.075
POA TO CENTROID in.	:	.281	.047	.148
MIN RADIUS	:	.041	.290	.212
MEAN RADIUS	:	.837	.642	.593
MAX RADIUS	:	2.448	1.014	.929
HORIZONTAL SPREAD	:	3.517	1.807	1.343
VERTICAL SPREAD	:	1.357	1.197	1.197
EXTREME SPREAD	:	3.546	1.816	1.583
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611608

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 9

HS= 2.657
VS= 2.855
GS= 3.137

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.387	1.020	1.080
MINIMUM X	:	-1.270	-1.116	-1.056
MAXIMUM Y	:	1.463	1.247	1.093
MINIMUM Y	:	-1.392	-1.229	-.766
CENTROID X	:	-.077	-.231	-.291
CENTROID Y	:	.192	.029	.183
POA TO CENTROID in.	:	.207	.233	.344
MIN RADIUS	:	.069	.238	.177
MEAN RADIUS	:	1.092	.976	.920
MAX RADIUS	:	2.016	1.611	1.536
HORIZONTAL SPREAD	:	2.657	2.136	2.136
VERTICAL SPREAD	:	2.855	2.476	1.859
EXTREME SPREAD	:	3.137	2.535	2.495
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	