C6594521

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: RE00129624

Verify Repair

Serial: C6594521 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Status: New 5/22/2007 11:42:49 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	DODDAAC W81F64		DODDAAC W81F64
Address 1:	CAMP ROBERTS MATES		CAMP ROBERTS MATES
Address 2:	EAST GARRISON BLDG 25021 PO Box:		EAST GARRISON BLDG 25021 PO Box:
City:	SAN MIGUEL		SAN MIGUEL
State:	CA Zip Code: 93451 Country: US		State: CA Zip Code: 93451 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
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 5/23/2007 | 7:39 AM | CAPS | NUM | INS | SCRL

start | 3 Mi... | Arms ... | Part ... | 6 In... | 3 Mi... | Stock... | 7:39 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594521.__0
FILE DATE AND TIME: 07/09/2007 14:56

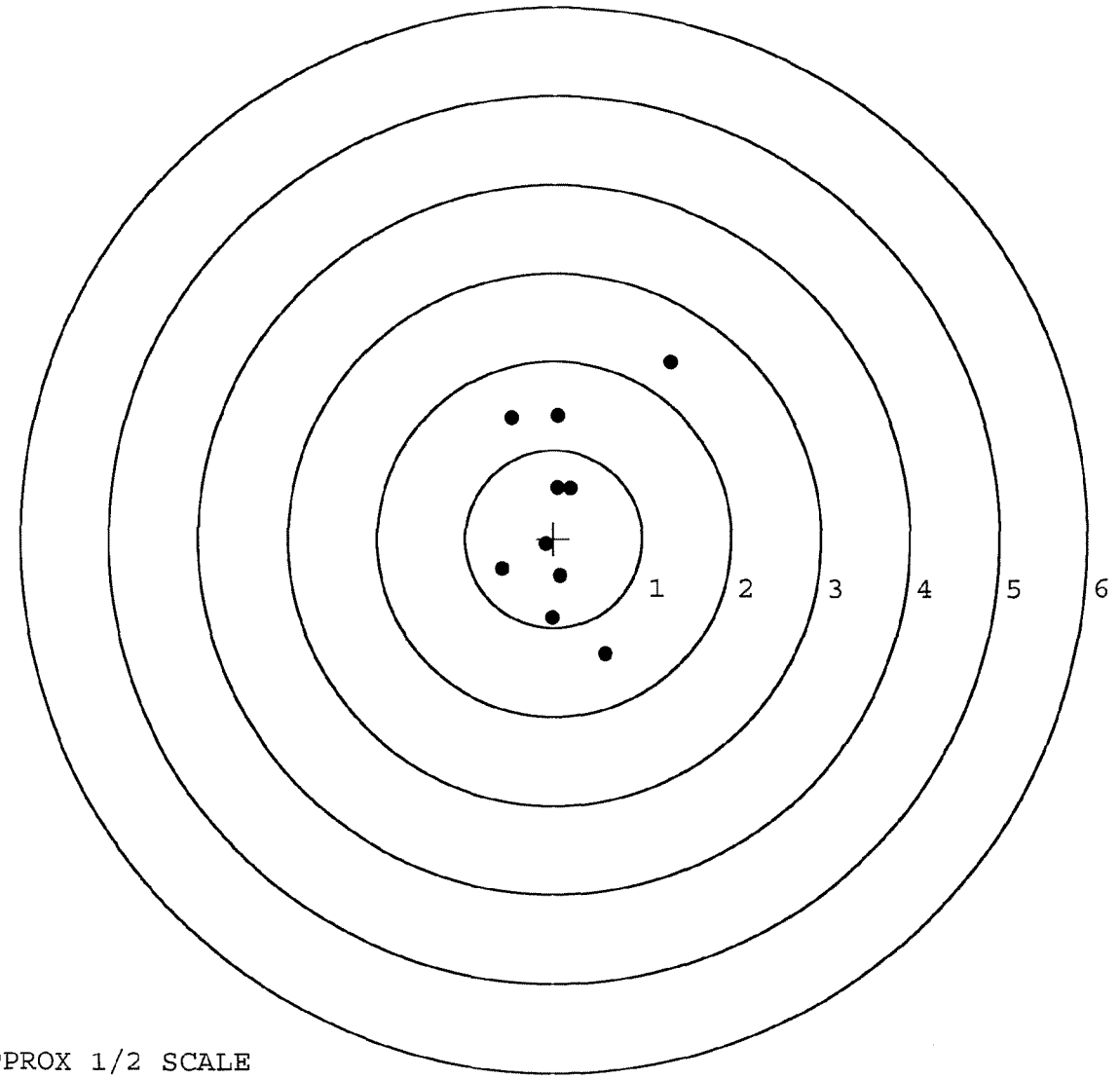
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.306
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.328
The Distance from Centroid Target #4 to Centroid Target #1:	0.387
The Distance from Centroid Target #5 to Centroid Target #1:	0.407

SERIAL NUMBER: C6594521.__0
TARGET NUMBER: 1
FILE DATE: 07/09/2007
FILE TIME: 14:56

X CENTROID:	0.110
Y CENTROID:	0.285
POA TO CENTROID:	0.306
HORZ SPREAD:	1.904
VERT SPREAD:	3.293
GROUP SPREAD:	3.373
MIN RADIUS:	0.296
MAX RADIUS:	2.088
MEAN RADIUS:	0.991
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.590	-1.306
2:	-0.016	-0.894
3:	0.079	-0.425
4:	-0.584	-0.343
5:	-0.089	-0.062
6:	0.043	0.574
7:	0.193	0.570
8:	-0.482	1.365
9:	0.043	1.386
10:	1.320	1.987

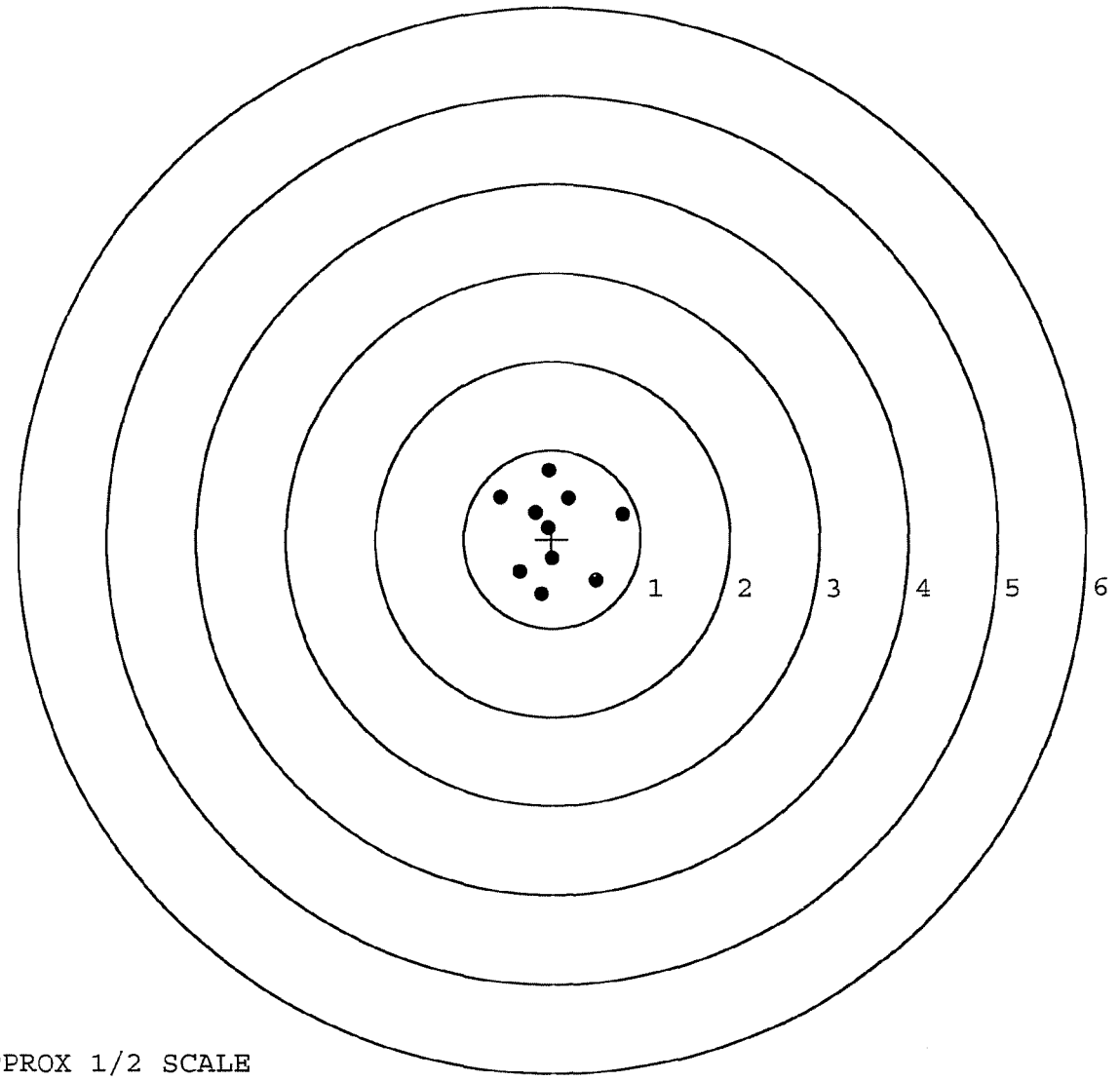


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594521.__0
TARGET NUMBER: 2
FILE DATE: 07/09/2007
FILE TIME: 14:56

X CENTROID:	0.014
Y CENTROID:	0.072
POA TO CENTROID:	0.073
HORZ SPREAD:	1.379
VERT SPREAD:	1.388
GROUP SPREAD:	1.392
MIN RADIUS:	0.078
MAX RADIUS:	0.807
MEAN RADIUS:	0.532
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.497	-0.464
2:	0.795	0.278
3:	0.190	0.457
4:	-0.039	0.767
5:	-0.189	0.297
6:	-0.045	0.122
7:	0.003	-0.218
8:	-0.584	0.467
9:	-0.362	-0.368
10:	-0.122	-0.621

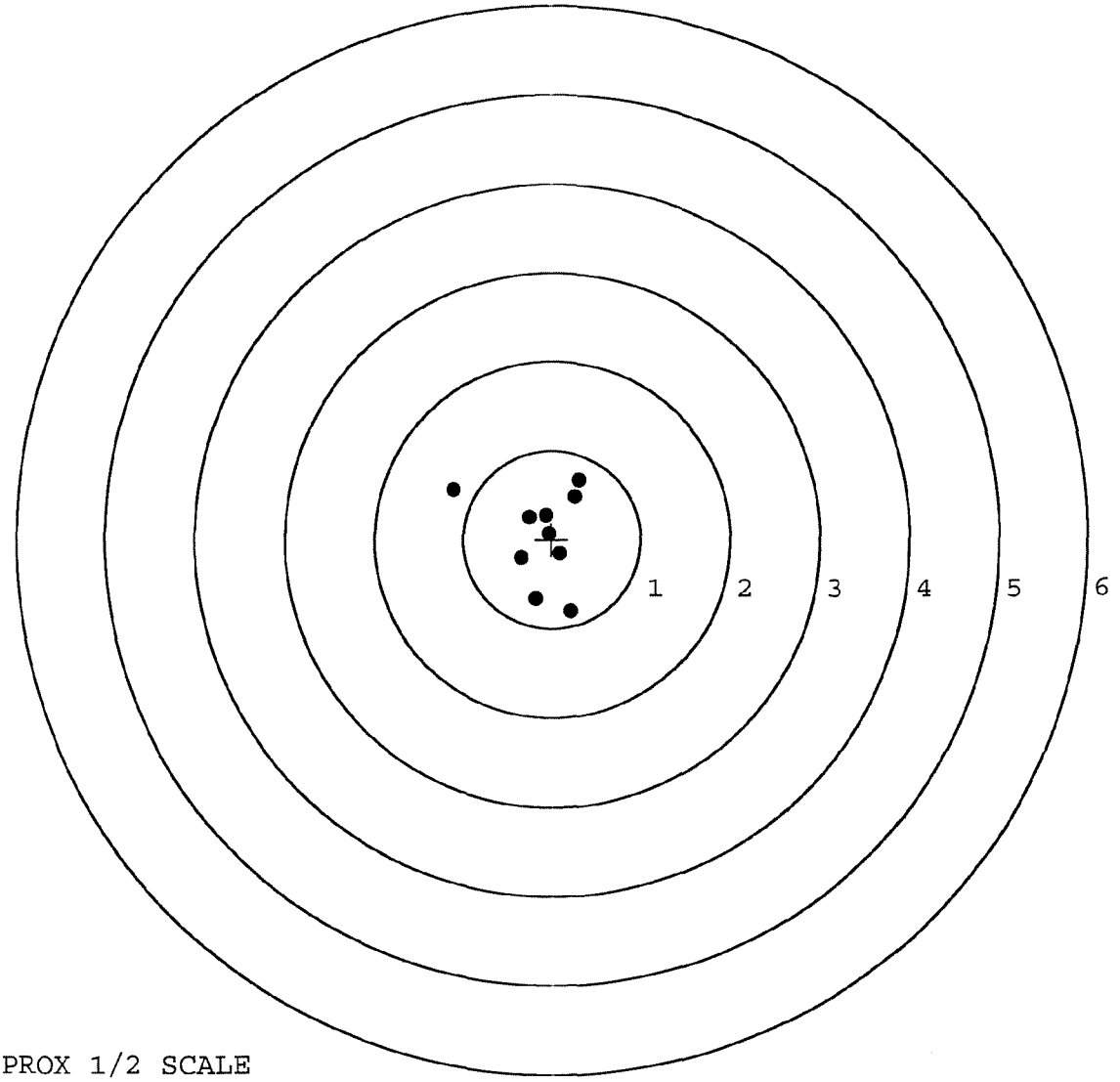


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594521.__0
TARGET NUMBER: 3
FILE DATE: 07/09/2007
FILE TIME: 14:56

X CENTROID:	-0.111
Y CENTROID:	0.043
POA TO CENTROID:	0.119
HORZ SPREAD:	1.418
VERT SPREAD:	1.490
GROUP SPREAD:	1.916
MIN RADIUS:	0.085
MAX RADIUS:	1.126
MEAN RADIUS:	0.531
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.215	-0.820
2:	-0.186	-0.676
3:	0.096	-0.161
4:	-0.344	-0.210
5:	-1.110	0.564
6:	0.308	0.670
7:	0.262	0.479
8:	-0.028	0.062
9:	-0.067	0.268
10:	-0.259	0.253

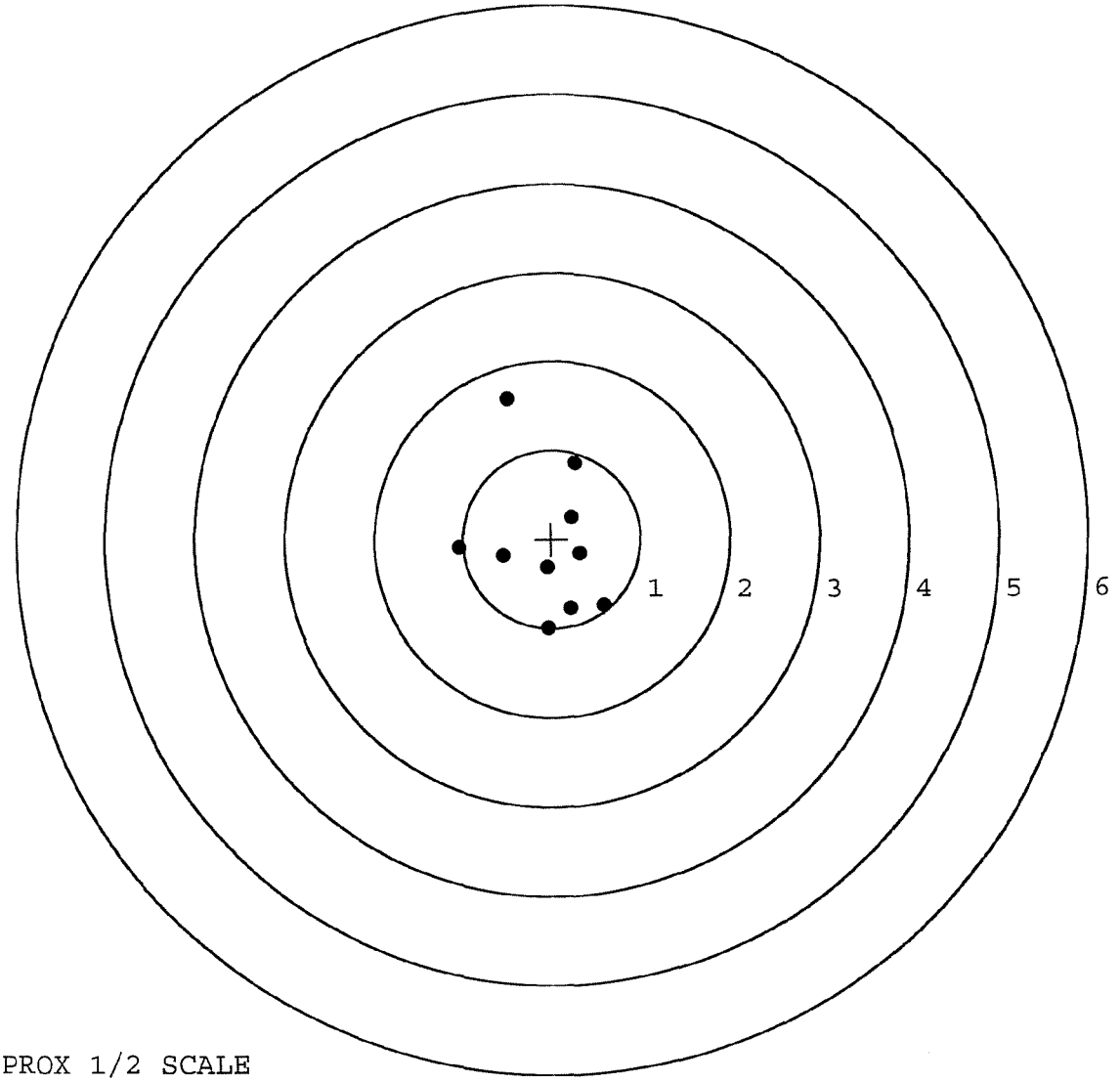


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594521.__0
TARGET NUMBER: 4
FILE DATE: 07/09/2007
FILE TIME: 14:56

X CENTROID:	-0.056
Y CENTROID:	-0.065
POA TO CENTROID:	0.085
HORZ SPREAD:	1.630
VERT SPREAD:	2.573
GROUP SPREAD:	2.614
MIN RADIUS:	0.259
MAX RADIUS:	1.692
MEAN RADIUS:	0.787
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.590	-0.743
2:	0.218	-0.786
3:	-0.040	-1.005
4:	0.324	-0.165
5:	-0.050	-0.324
6:	0.225	0.243
7:	-0.544	-0.193
8:	-1.040	-0.094
9:	0.262	0.852
10:	-0.500	1.568

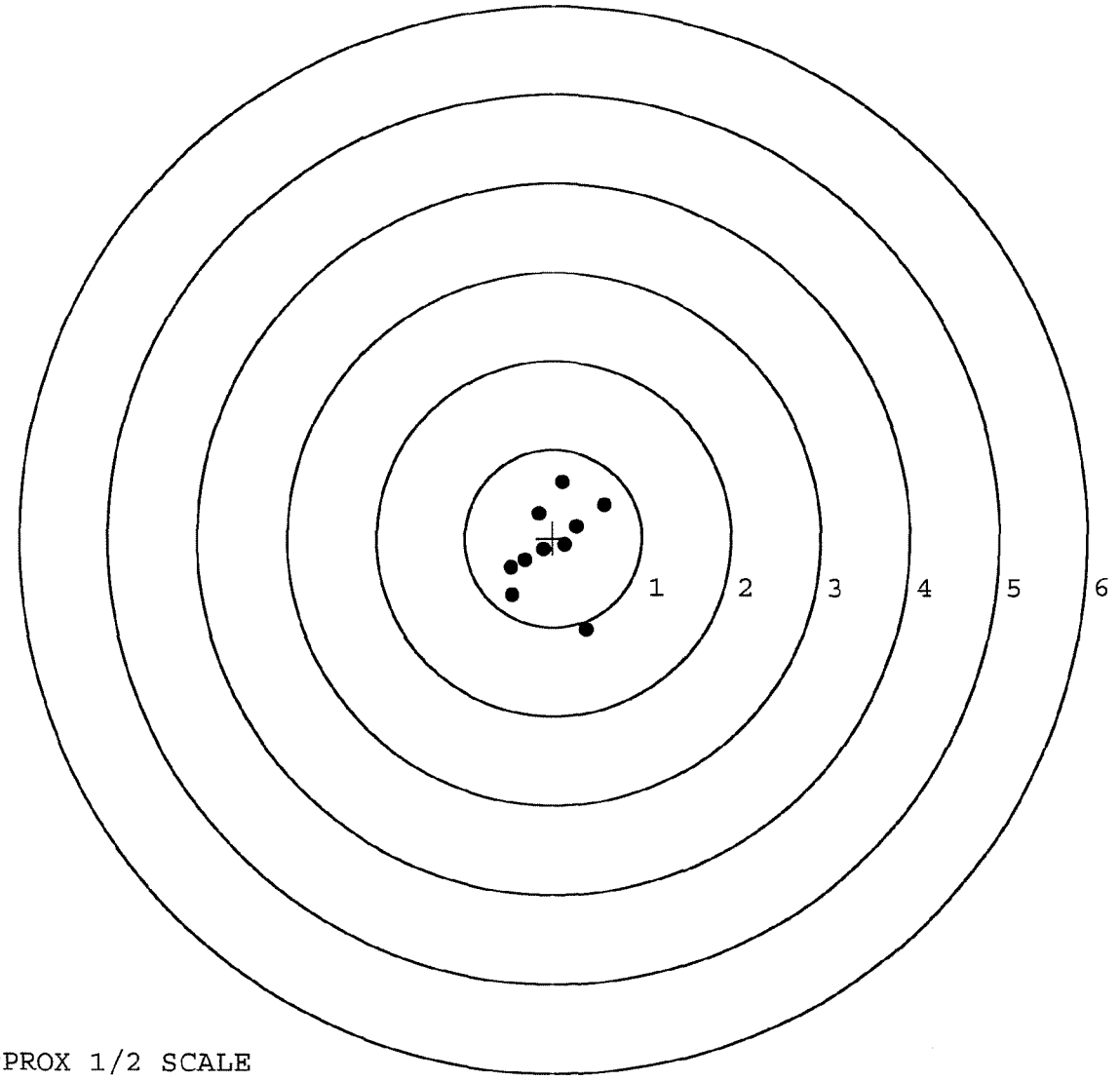


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594521.__0
TARGET NUMBER: 5
FILE DATE: 07/09/2007
FILE TIME: 14:56

X CENTROID:	-0.007
Y CENTROID:	-0.105
POA TO CENTROID:	0.105
HORZ SPREAD:	1.054
VERT SPREAD:	1.655
GROUP SPREAD:	1.676
MIN RADIUS:	0.109
MAX RADIUS:	0.999
MEAN RADIUS:	0.509
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.378	-1.027
2:	-0.464	-0.646
3:	0.577	0.378
4:	0.112	0.628
5:	0.263	0.127
6:	0.135	-0.077
7:	-0.163	0.276
8:	-0.112	-0.133
9:	-0.319	-0.247
10:	-0.477	-0.331



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 129624

SERIAL NUMBER C659452I

LOG-IN DATE 5-22-07

OPERATION #	OPERATION NAME						DATE	INITIAL
500	DIS-ASSEMBLE GUN						6-19-07	RTC
505	RE-BARREL						6-22-07	RTC
560	ASSEMBLE						6-22-07	RTC
600	PROOF	MAGNA-FLUX JUN 25 2007					6-22-07	TRW
605	CHECK HEADSPACE						6-22-07	TRW
610	DIS-ASSEMBLE GUN						6-22-07	RTC
612	MAGNAFLUX	OPERATOR					6/25/07	
510	DRILL AND TAP						6-22-07	SD
615	ROLLMARK CALIBER						6-26-07	CW
618	ROTO-BLAST						6-26-07	CB
620	APPLY COATINGS						6-28-07	CW
625	FINAL ASSEMBLY						7-6-07	
640	FUNCTION TEST AND	(PASS)	FAIL				7-9-07	TRW
650	TARGET	(PASS)	FAIL				7-9-07	TRW
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
670	FINAL INSPECTION						7-9-07	WK
	A) HEADSPACE	PASS	FAIL				7-10-07	DA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.31	2.35	2.38	2.25	2.33	7-10-07	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.5	5.0	4.5			7-10-07	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5	2.0	2.0			7-10-07	DA
	I) FIRING PIN INDENT .020	.021	.021	.024			7-10-07	DA
690	PACK						7-10-07	DA

N/A

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN Scope S/N 90 0275

ORDER: R 94-18725

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/14/94	06/15/94		C6594521		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

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
					UPS

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

✓ New Barrel
Trigger Assem.
✓ Front & Rear Sight Assy
✓ Component Carrying Case Assy 96069
✓ Scope Case 96081

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			A	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			8/2/96	8/2/96	

OFFICE COPY

RD6925 REV. 1/94

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	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	2.71 | 2.70 | 2.65 | 2.74 | 2.85	8/23/96	RW
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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			

SWS TRIGGER PULL TEST

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

SERIAL NO. CL594521
DATE 7-25-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.69	2.81		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT-ABLE LESS THAN 2#
PULL #2	2.60	2.89	2.78		
PULL #3	2.78	2.78	2.54		
PULL #4	2.68	2.89	2.60		
PULL #5	2.80	2.76	2.82		
TOTAL	13.54	14.01	13.55		
AVG.	2.70	2.80	2.71		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.14		
PULL #2	3.22	3.01		
PULL #3	3.30	3.25		
PULL #4	3.23	3.38		
PULL #5	3.28	3.21		
TOTAL	16.12	15.99		
AVG.	3.22	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.15		4.18
PULL #2	4.02	4.23		4.07
PULL #3	4.27	4.12		4.28
PULL #4	4.20	4.06		4.30
PULL #5	4.28	4.29		4.25
TOTAL	21.01	20.85		21.08
AVG.	4.20	4.17		4.21

INTERPOINT DISTANCE CALCULATION
FOR RIFLE # 06594521
8 Jan 1900

INTERPOINT DISTANCES

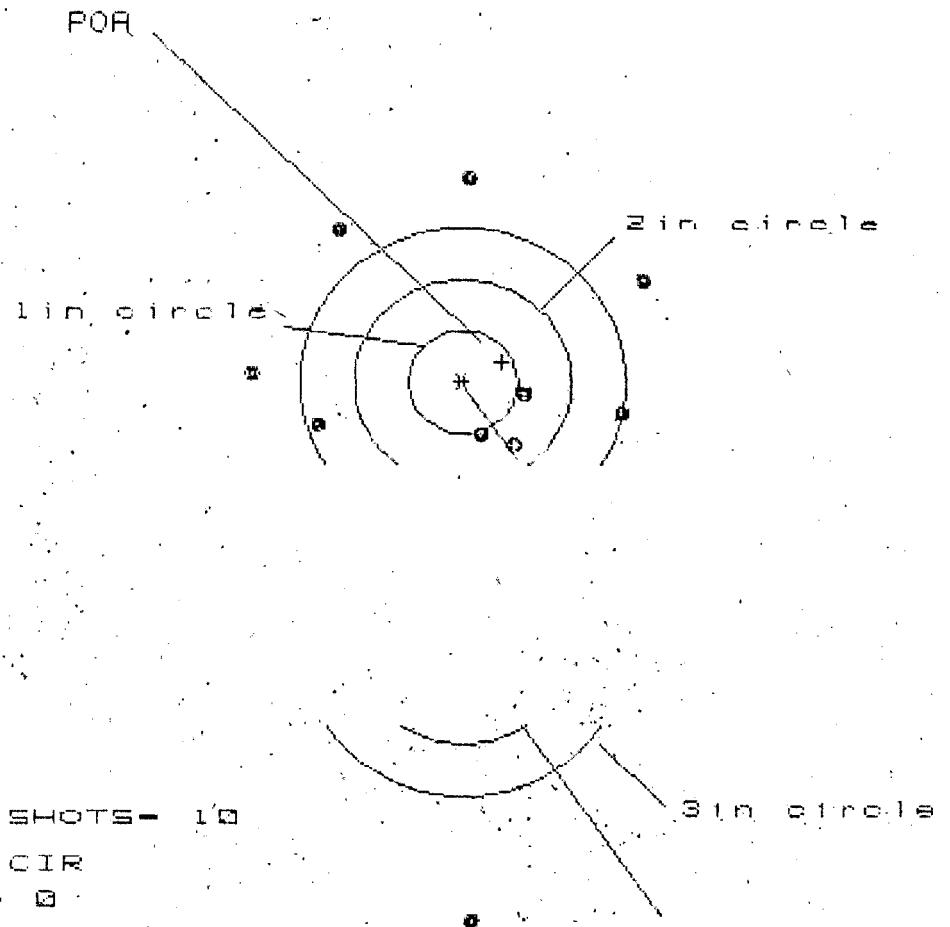
0	TO	1	.411118
1	TO	2	.46456
1	TO	3	.53525
1	TO	4	.659019
1	TO	5	.417077

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0441905

THE MMR FOR THIS RIFLE IS: 1.178

8 Jan 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6534521

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

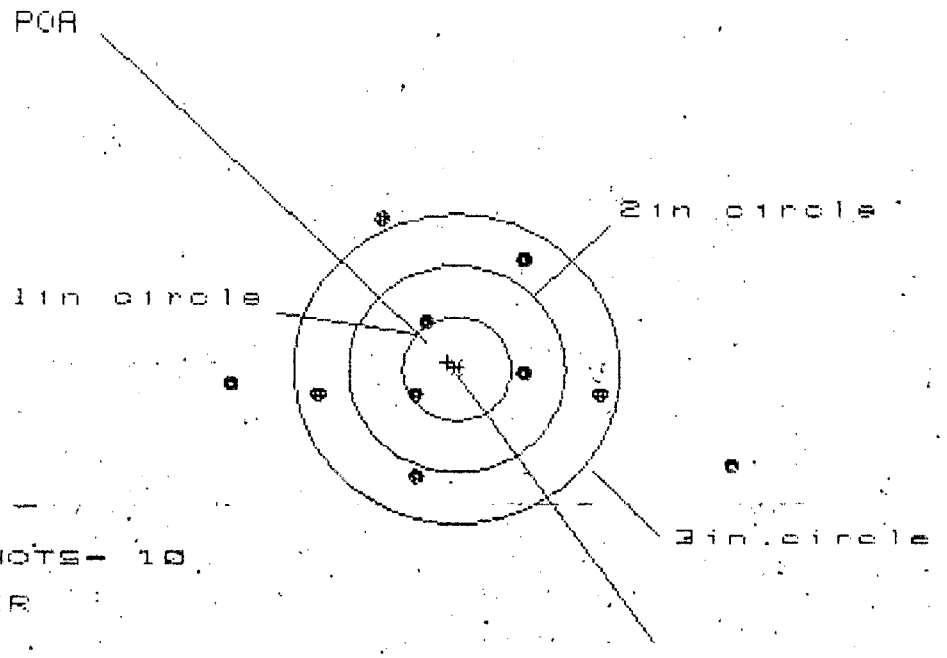
# IN CIR
1in = 0
2in = 3
3in = 4

HS= 3.593
VS= 4.757
GS= 4.757

PATTERN #	:	[redacted]	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.667	1.674	1.678
MINIMUM X	:	-1.926	-1.919	-1.915
MAXIMUM Y	:	2.010	1.705	1.442
MINIMUM Y	:	-2.747	-.868	-.655
CENTROID X	:	-.363	-.370	-.374
CENTROID Y	:	-.193	.112	-.101
POA TO CENTROID in.	:	.411	.387	.387
MIN RADIUS	:	.547	.710	.617
MEAN RADIUS	:	1.539	1.427	1.344
MAX RADIUS	:	2.748	1.936	1.916
HORIZONTAL SPREAD	:	3.593	3.593	3.593
VERTICAL SPREAD	:	4.757	2.573	2.097
EXTREME SPREAD	:	4.757	3.720	3.720
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		4	

8 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/06534521

CENTERFIRE PATTERNS # 2



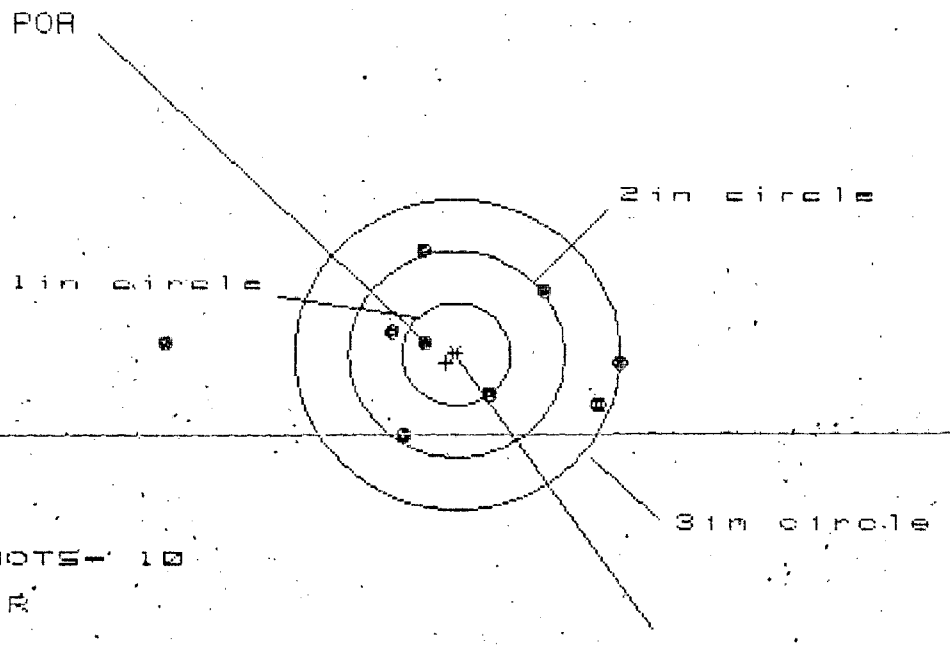
\# OF SHOTS= 10
\# IN CIR
1in = 1
2in = 3
3in = 7
HS= 4.582
VS= 2.483
GS= 4.653

PATTERN # : 2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.479	1.592	1.363
MINIMUM X	-2.103	-1.827	-1.240
MAXIMUM Y	1.450	1.344	1.312
MINIMUM Y	-1.033	-1.139	-1.171
CENTROID X	.083	-.193	.036
CENTROID Y	-.063	.043	.075
POA TO CENTROID in.	.104	.197	.083
MIN RADIUS	.409	.322	.374
MEAN RADIUS	1.289	1.110	1.010
MAX RADIUS	2.657	1.845	1.467
HORIZONTAL SPREAD	4.582	3.419	2.603
VERTICAL SPREAD	2.483	2.483	2.483
EXTREME SPREAD	4.653	3.422	2.659
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

8 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CG534521

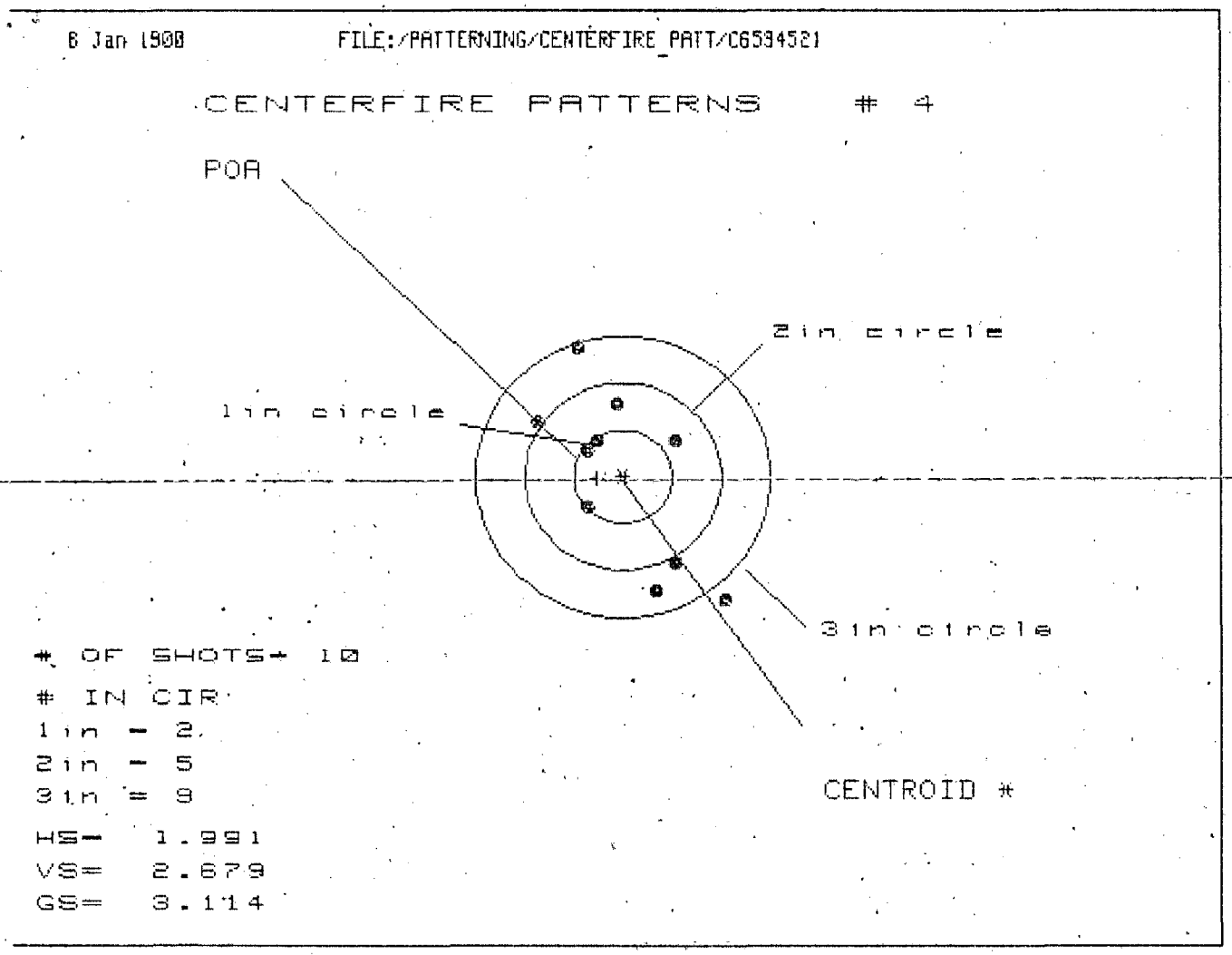
CENTERFIRE PATTERNS # 3



# OF SHOTS= 10
# IN CIR
1in = 3
2in = 5
3in = 8
HS= 4.157
VS= 1.874
GS= 4.162

PATTERN #	:	#3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.509	1.214	1.206
MINIMUM X	:	-2.648	-.881	-.729
MAXIMUM Y	:	1.049	1.059	1.048
MINIMUM Y	:	-.825	-.815	-.826
CENTROID X	:	.095	.390	.238
CENTROID Y	:	.084	.074	.085
POA TO CENTROID in.	:	.127	.397	.253
MIN RADIUS	:	.297	.352	.379
MEAN RADIUS	:	1.052	.857	.794
MAX RADIUS	:	2.650	1.219	1.286
HORIZONTAL SPREAD	:	4.157	2.095	1.935
VERTICAL SPREAD	:	1.874	1.874	1.874
EXTREME SPREAD	:	4.162	2.232	2.232

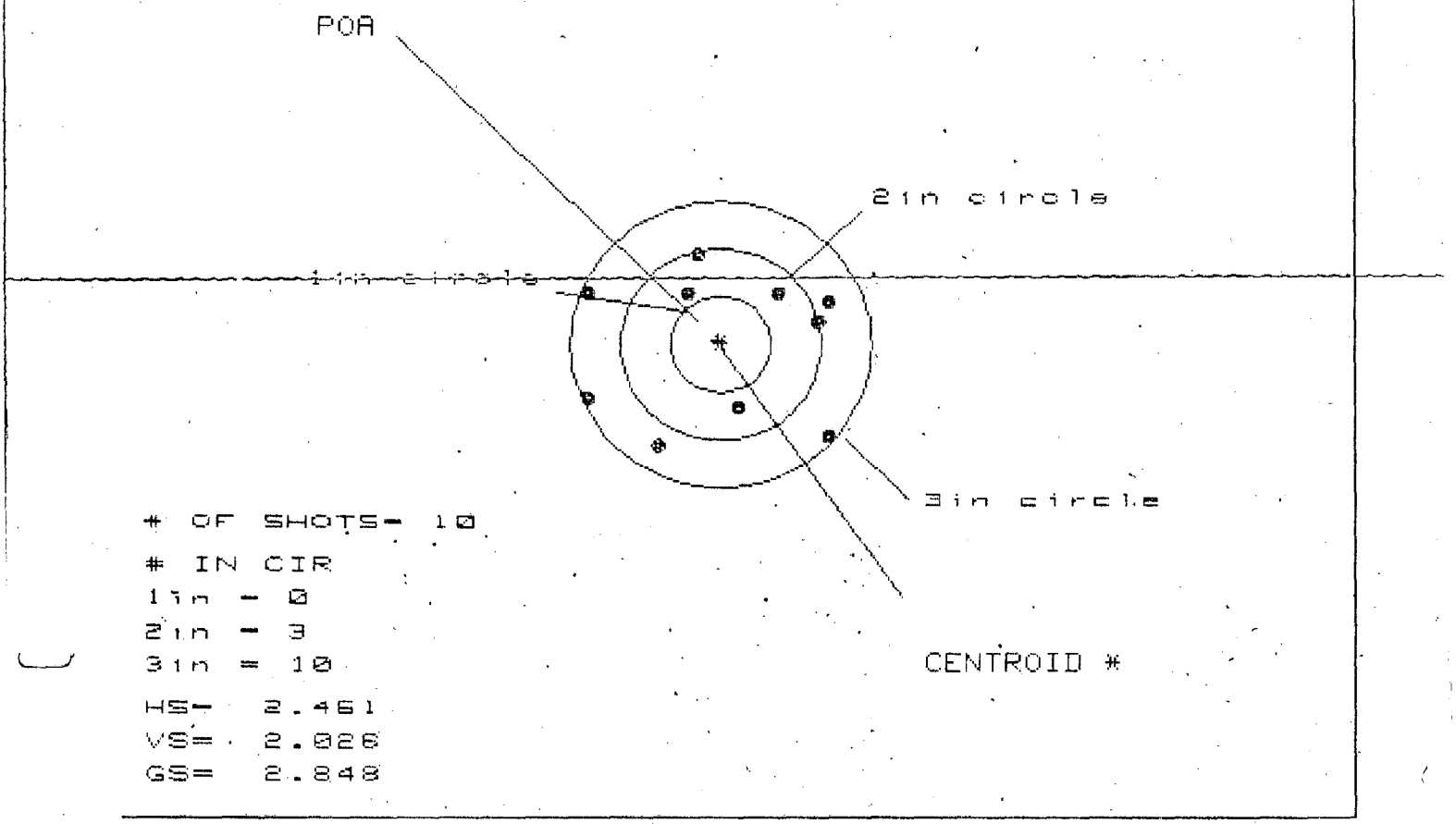
NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.087	.684	.636
MINIMUM X	:	-.904	-.783	-.831
MAXIMUM Y	:	1.378	1.233	.829
MINIMUM Y	:	-1.301	-1.381	-1.226
CENTROID X	:	.262	.141	.189
CENTROID Y	:	.016	.161	.006
POA TO CENTROID in.	:	.262	.214	.189
MIN RADIUS	:	.442	.254	.393
MEAN RADIUS	:	.943	.811	.774
MAX RADIUS	:	1.695	1.448	1.287
HORIZONTAL SPREAD	:	1.991	1.467	1.467
VERTICAL SPREAD	:	2.679	2.614	2.055
EXTREME SPREAD	:	3.114	2.739	2.168
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594521

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 10
HS= 2.461
VS= 2.026
GS= 2.848

PATTERN # : 5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.089	.937	1.053
MINIMUM X	:	-1.372	-1.437	-1.321
MAXIMUM Y	:	.977	1.036	.929
MINIMUM Y	:	-1.049	-.990	-1.097
CENTROID X	:	.025	.177	.061
CENTROID Y	:	-.040	-.099	.008
POA TO CENTROID in.	:	.047	.203	.062
MIN RADIUS	:	.587	.572	.568
MEAN RADIUS	:	1.067	1.008	.966
MAX RADIUS	:	1.472	1.525	1.458
HORIZONTAL SPREAD	:	2.461	2.374	2.374
VERTICAL SPREAD	:	2.026	2.026	2.026
EXTREME SPREAD	:	2.848	2.574	2.574

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 10

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

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

MODEL 700™ M24

SERIAL NO. C6594521

ORDER NO. 5716

20

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

5716 C6594521

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594521

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/30/90	KL
600	Proof		10/30/90	KL
607	Check Headspace		10/30/90	KL
610	Dis-assemble Gun		10/30/90	KL
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	GS
617	Drill and Tap Sight Holes		11/6/90	FB
618	Polish Barrel WB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/17/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/91	KS
	C) Inspect Ejector Hole for Chamfer		1/17/91	KS
	D) Oil Firing Pin Ass'y		1/17/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/21/91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1/22/91	WB
	G) Safety Off Force	2	2	2			1/22/91	WB
	H) Trigger Pull Test & Retainability						1/21/91	DH
	I) Firing Pin Indent	.020	.0205	.0205			1/22/91	WB
	J) Assemble Stock						1/23/91	KS
	K) Assemble Swivel Studs						2-6-91	DH
	L) Attach Front and Rear Sight Assemblies						1/23/91	KS
	M) Iron Sight Alignment						1/23/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/23/91	KS
	O) Attach Scope to Rifle						1/23/91	KS
	P) Detach & Attach Scope 20 Times						1/23/91	KS
640	Gallery Target & Test						1-23-91	DH
	A) Time						1-23-91	DH
	B) Malfunctions						1-23-91	DH
	C) Pierced Primers						1-23-91	DH
	D) Optical Clearity of Scope						1-23-91	DH
645	Inspect for Live Ammo						1-23-91	DH
655	Final Inspection A) Headspace						2-6-91	DH
	B) Trigger Pull	2.44	2.44	2.41	2.41	2.32	2-1-91	DH
	C) Function						2-6-91	DH
660	Pack						3/14/91	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594521

DATE 1/21/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.30	2.40	2.44	MIN. SETTING,
PULL #2	2.32	2.31	2.49	2.44	NO AVG. OF 5
PULL #3	2.40	2.37	2.40	2.41	READINGS ACCEPT-
PULL #4	2.32	2.36	2.56	2.41	ABLE LESS THAN 2#
PULL #5	2.32	2.44	2.58	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.29		
PULL #2	3.32	3.22		
PULL #3	3.31	3.23		
PULL #4	3.26	3.28		
PULL #5	3.24	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.21		4.24
PULL #2	4.19	4.28		4.26
PULL #3	4.23	4.32		4.35
PULL #4	4.20	4.30		4.34
PULL #5	4.20	4.31		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594521
24 Jan 1991

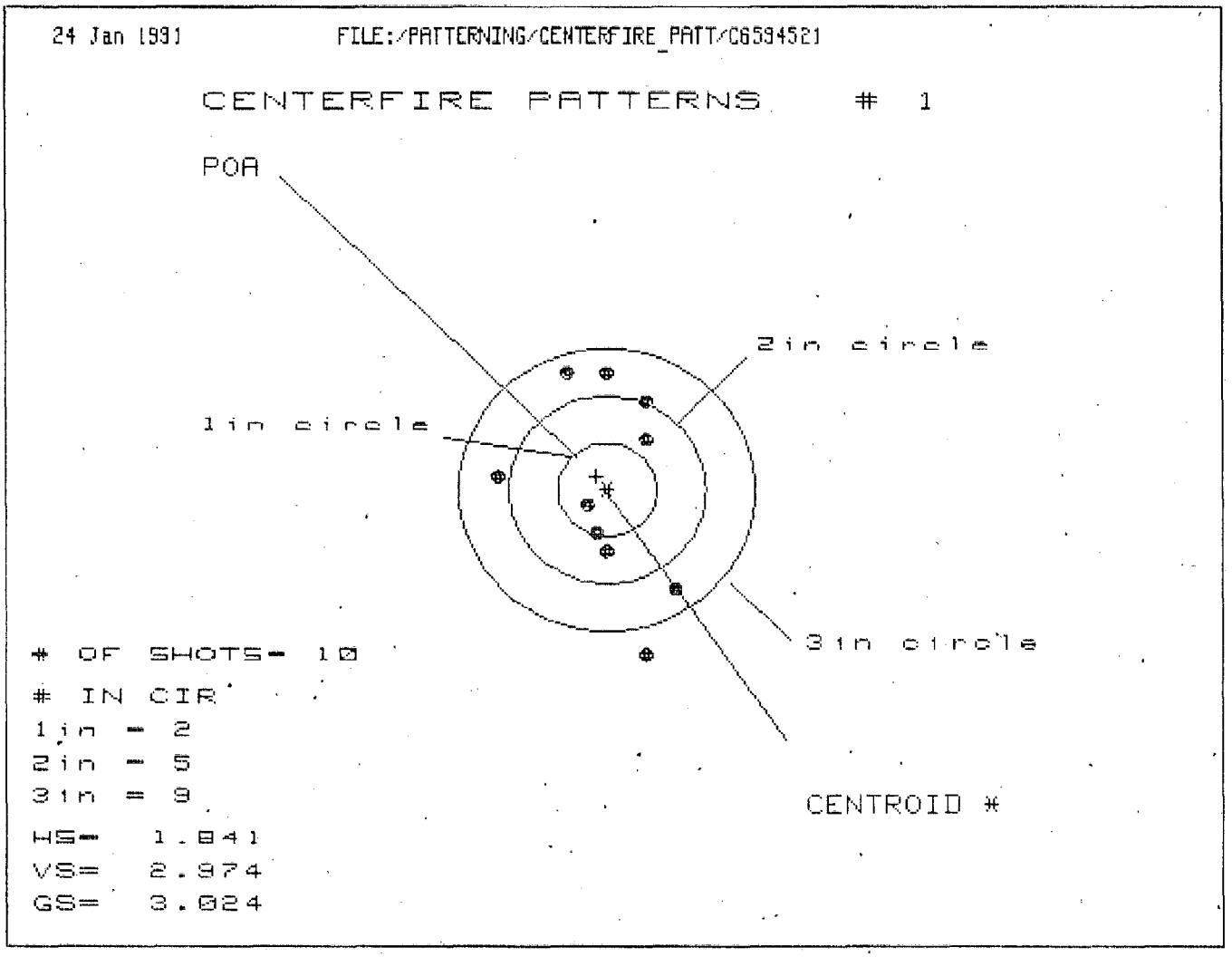
CENTROIDAL DISTANCES

0	TO	1	.180422
1	TO	2	.196023
1	TO	3	.210772
1	TO	4	.281555
1	TO	5	.282816

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1538
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0854
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175919

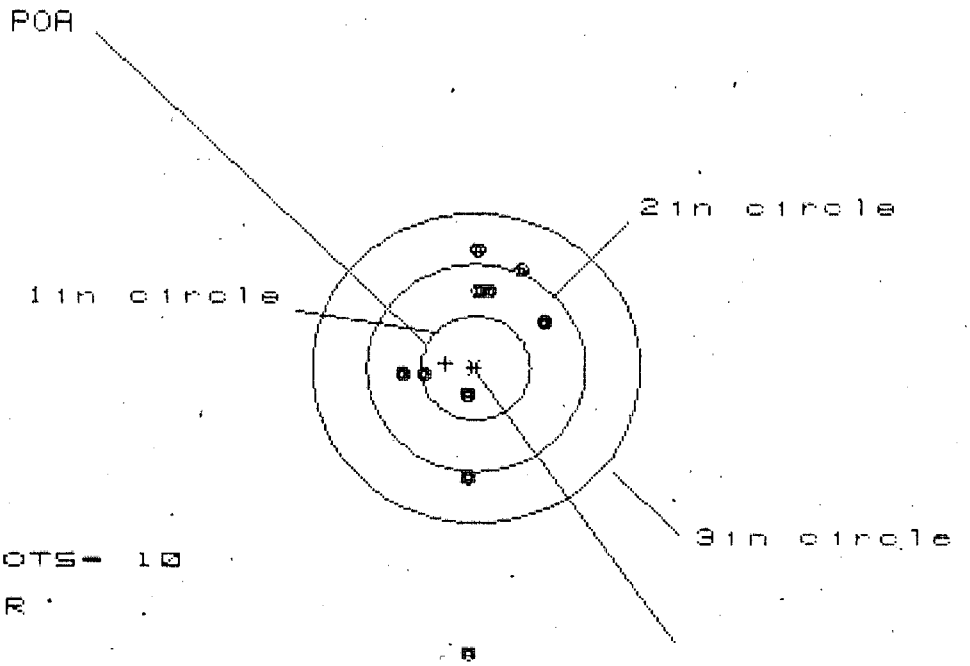
THE AMR FOR THIS RIFLE IS: .9548



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.714	.754	.714
MINIMUM X	:	-1.127	-1.087	-1.127
MAXIMUM Y	:	1.248	1.056	1.183
MINIMUM Y	:	-1.726	-1.230	-1.103
CENTROID X	:	.106	.066	.106
CENTROID Y	:	-.146	.046	-.081
POA TO CENTROID in.	:	.180	.081	.133
MIN RADIUS	:	.237	.385	.287
MEAN RADIUS	:	.962	.874	.831
MAX RADIUS	:	1.763	1.443	1.314
HORIZONTAL SPREAD	:	1.841	1.841	1.841
VERTICAL SPREAD	:	2.974	2.286	2.286
EXTREME SPREAD	:	3.024	2.492	2.405
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6534521

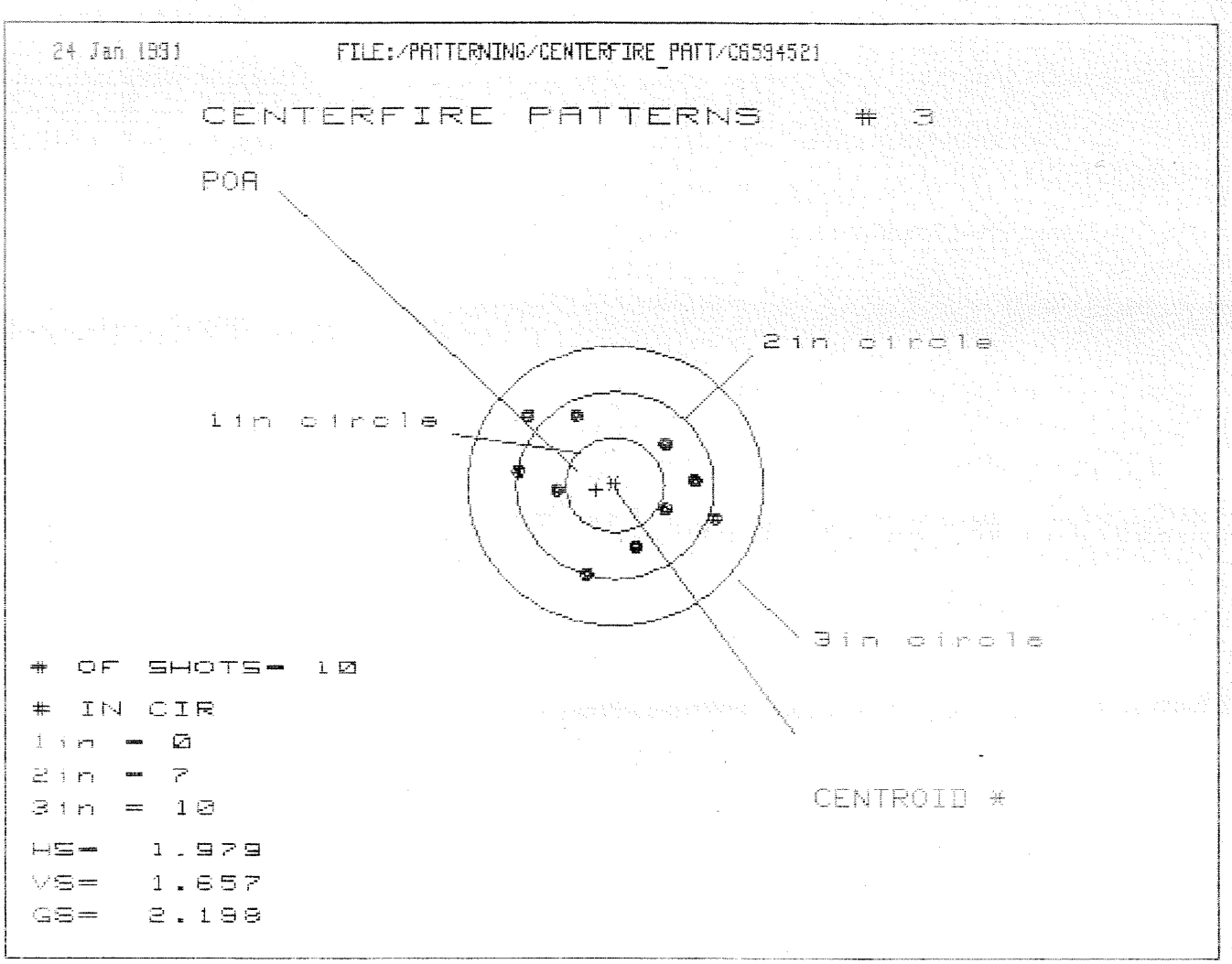
CENTERFIRE PATTERNS # 2



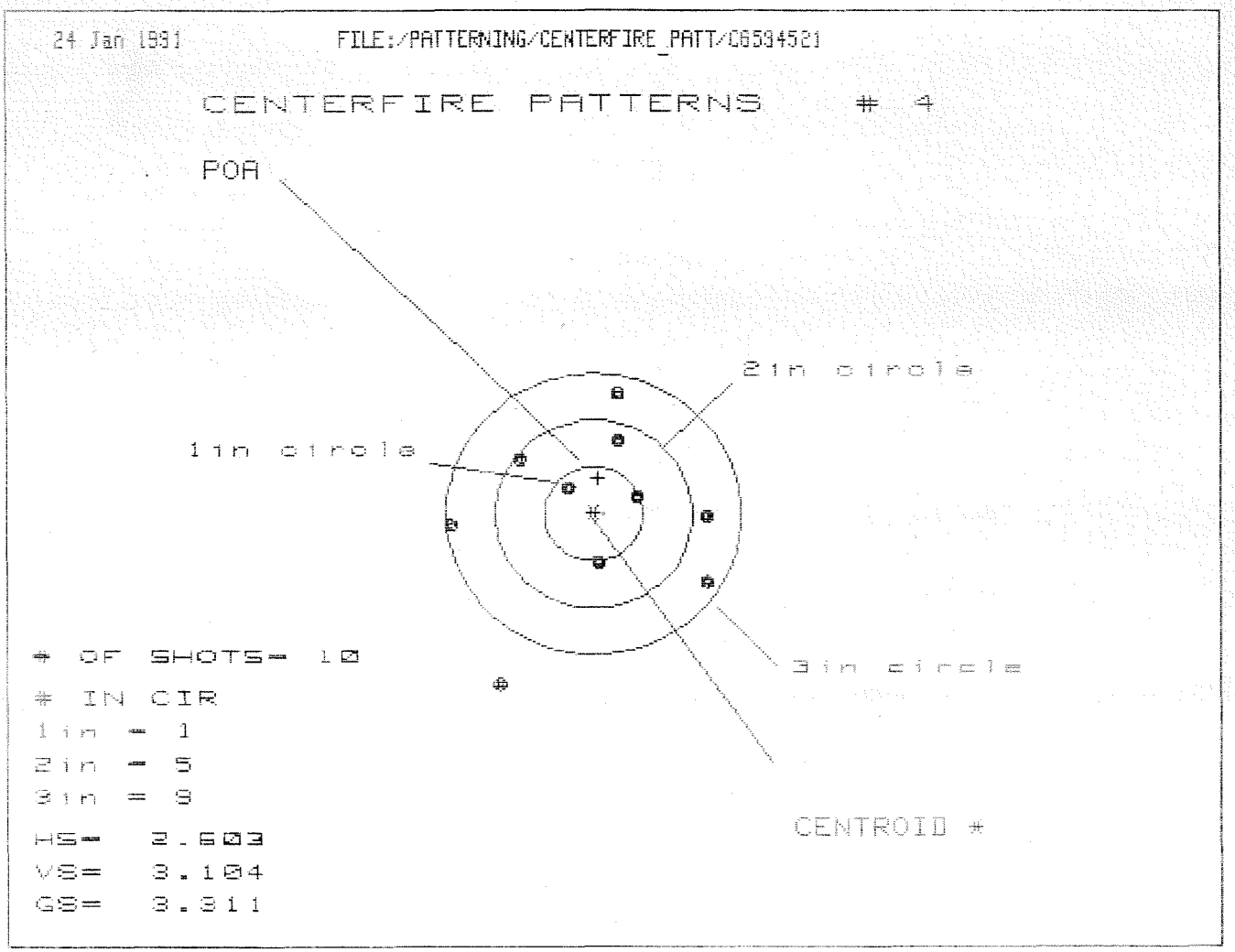
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 9

HS= 1.253
VS= 3.886
GS= 3.887

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.576	.572	.576
MINIMUM X	:	-.677	-.681	-.677
MAXIMUM Y	:	1.157	.854	.751
MINIMUM Y	:	-2.729	-1.326	-1.219
CENTROID X	:	.274	.278	.274
CENTROID Y	:	-.045	.258	.151
POA TO CENTROID in.	:	.278	.379	.313
MIN RADIUS	:	.219	.423	.413
MEAN RADIUS	:	.961	.710	.694
MAX RADIUS	:	2.729	1.328	1.221
HORIZONTAL SPREAD	:	1.253	1.253	1.253
VERTICAL SPREAD	:	3.886	2.180	1.970
EXTREME SPREAD	:	3.887	2.183	2.038
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



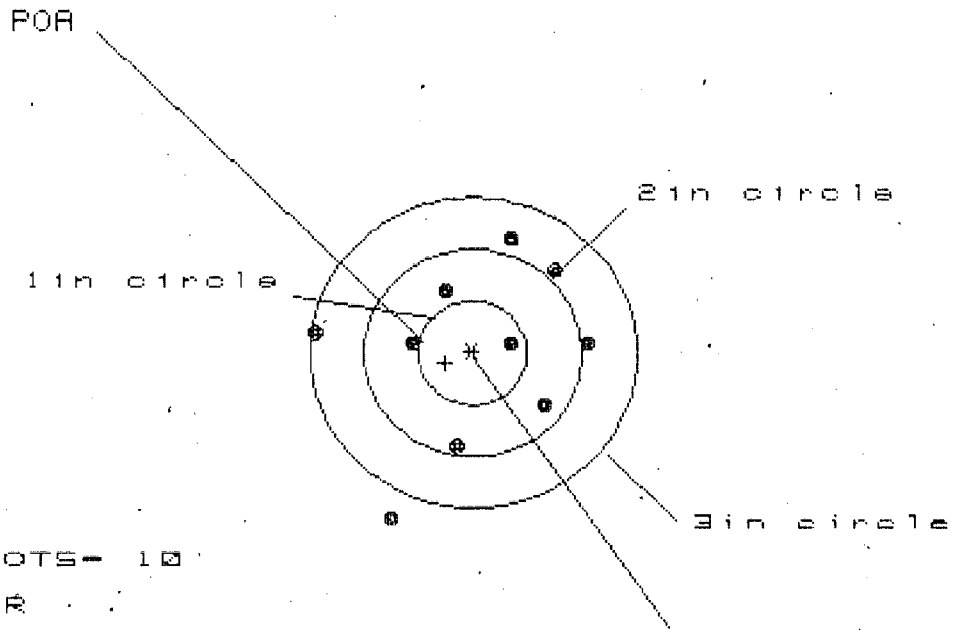
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.991	.887	.812
MINIMUM X	:	-.988	-1.092	-.981
MAXIMUM Y	:	.754	.799	.771
MINIMUM Y	:	-.903	-.819	-.847
CENTROID X	:	.186	.290	.179
CENTROID Y	:	.049	-.035	-.007
POA TO CENTROID in.	:	.193	.292	.179
MIN RADIUS	:	.613	.485	.599
MEAN RADIUS	:	.836	.776	.762
MAX RADIUS	:	1.200	1.121	1.006
HORIZONTAL SPREAD	:	1.979	1.979	1.793
VERTICAL SPREAD	:	1.657	1.618	1.618
EXTREME SPREAD	:	2.198	2.035	1.795
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.166	1.061	.868
MINIMUM X	:	-1.437	-1.542	-1.021
MAXIMUM Y	:	1.319	1.121	1.086
MINIMUM Y	:	-1.785	-.955	-.990
CENTROID X	:	-.046	.059	.252
CENTROID Y	:	-.383	-.185	-.150
POA TO CENTROID in.	:	.386	.194	.293
MIN RADIUS	:	.348	.331	.161
MEAN RADIUS	:	1.050	.904	.001
MAX RADIUS	:	2.017	1.567	1.316
HORIZONTAL SPREAD	:	2.603	2.603	1.889
VERTICAL SPREAD	:	3.104	2.076	2.076
EXTREME SPREAD	:	3.311	2.688	2.336
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594521

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 1
2in = 5
3in = 9
HS= 2.433
VS= 2.762
GS= 3.003

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.924	.735
MINIMUM X	:	-1.423	-1.509	-.781
MAXIMUM Y	:	1.145	.966	.968
MINIMUM Y	:	-1.617	-1.040	-1.038
CENTROID X	:	.249	.336	.525
CENTROID Y	:	.098	.277	.275
POA TO CENTROID in.	:	.268	.436	.593
MIN RADIUS	:	.311	.241	.110
MEAN RADIUS	:	.965	.846	.736
MAX RADIUS	:	1.795	1.509	1.120
HORIZONTAL SPREAD	:	2.433	2.433	1.516
VERTICAL SPREAD	:	2.762	2.006	2.006
EXTREME SPREAD	:	3.003	2.437	2.078
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	