6523505

MODEL 700™ M24

Model 545 ™

Action

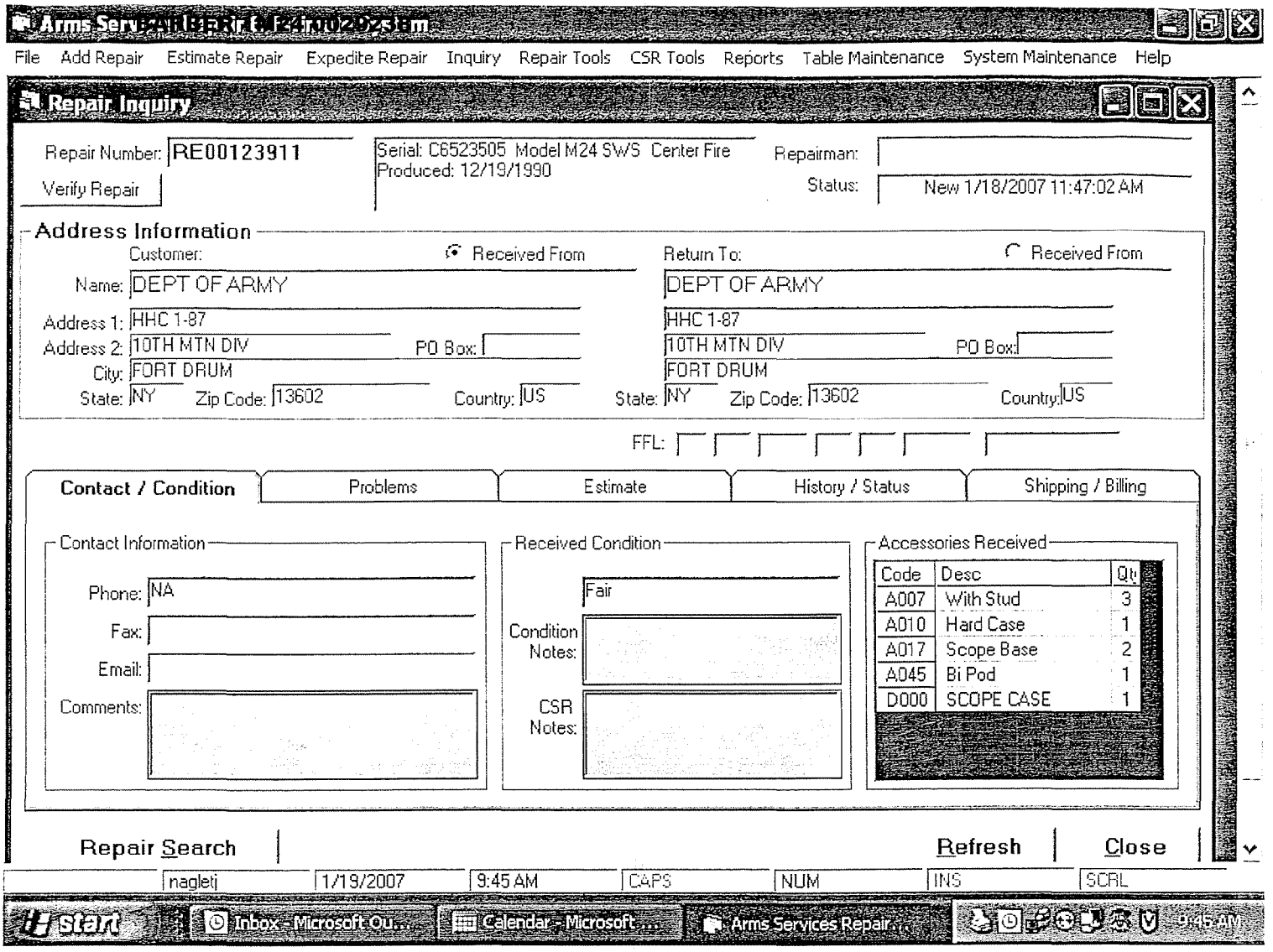
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6523505

Model: M24 SWS

RE00123911

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523505.__0
FILE DATE AND TIME: 01/31/2007 23:19

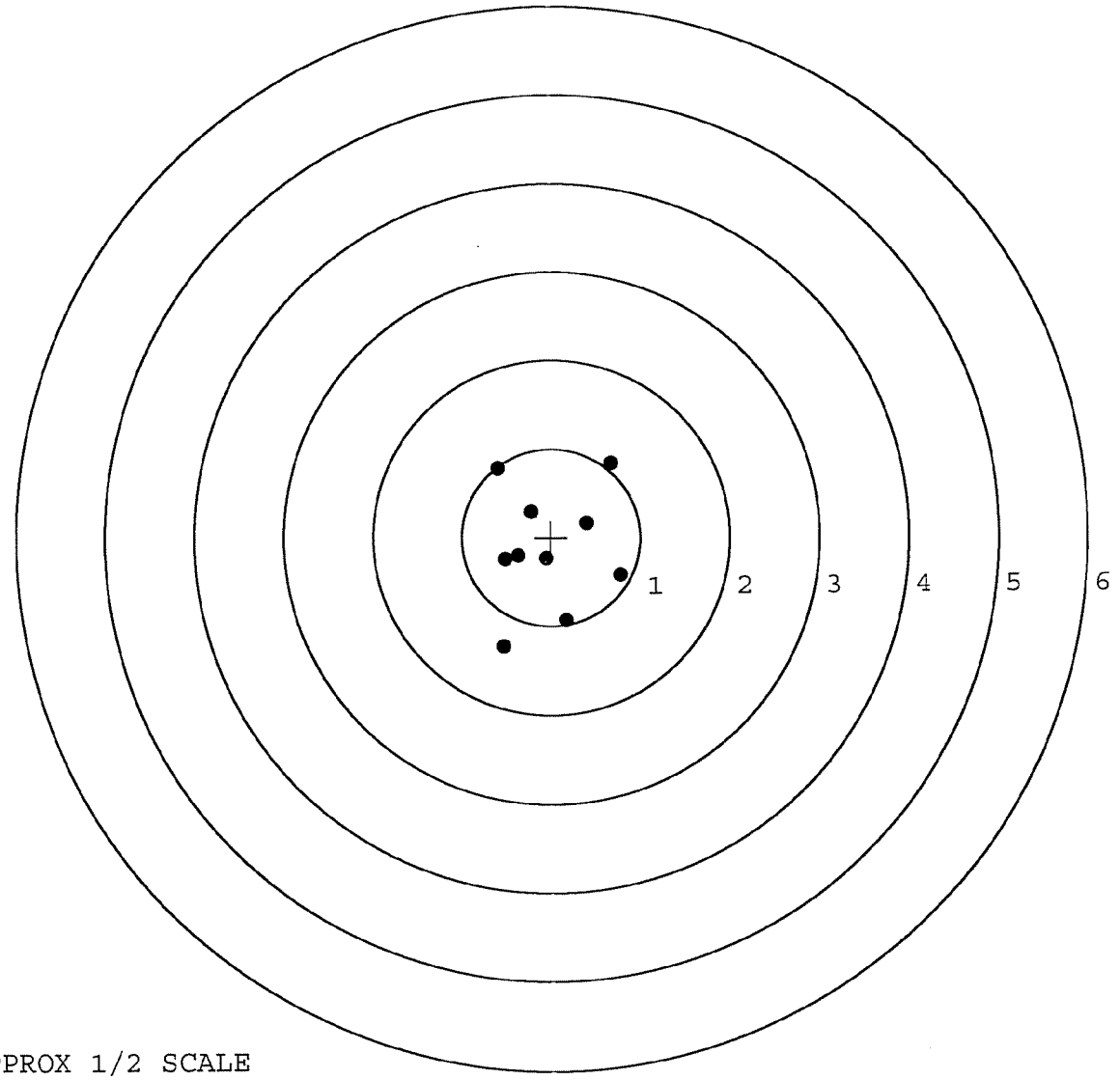
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	0.062
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.629
The Distance from POA to Centroid Target #1:	0.127
The Distance from Centroid Target #2 to Centroid Target #1:	0.340
The Distance from Centroid Target #3 to Centroid Target #1:	0.105
The Distance from Centroid Target #4 to Centroid Target #1:	0.434
The Distance from Centroid Target #5 to Centroid Target #1:	0.078

SERIAL NUMBER: C6523505.__0
TARGET NUMBER: 1
FILE DATE: 01/31/2007
FILE TIME: 23:19

X CENTROID:	-0.027
Y CENTROID:	-0.124
POA TO CENTROID:	0.127
HORZ SPREAD:	1.370
VERT SPREAD:	2.070
GROUP SPREAD:	2.402
MIN RADIUS:	0.123
MAX RADIUS:	1.222
MEAN RADIUS:	0.714
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.594	0.781
2:	-0.221	0.288
3:	-0.516	-0.247
4:	-0.057	-0.243
5:	0.680	0.836
6:	0.403	0.165
7:	0.776	-0.431
8:	0.173	-0.944
9:	-0.538	-1.234
10:	-0.373	-0.211

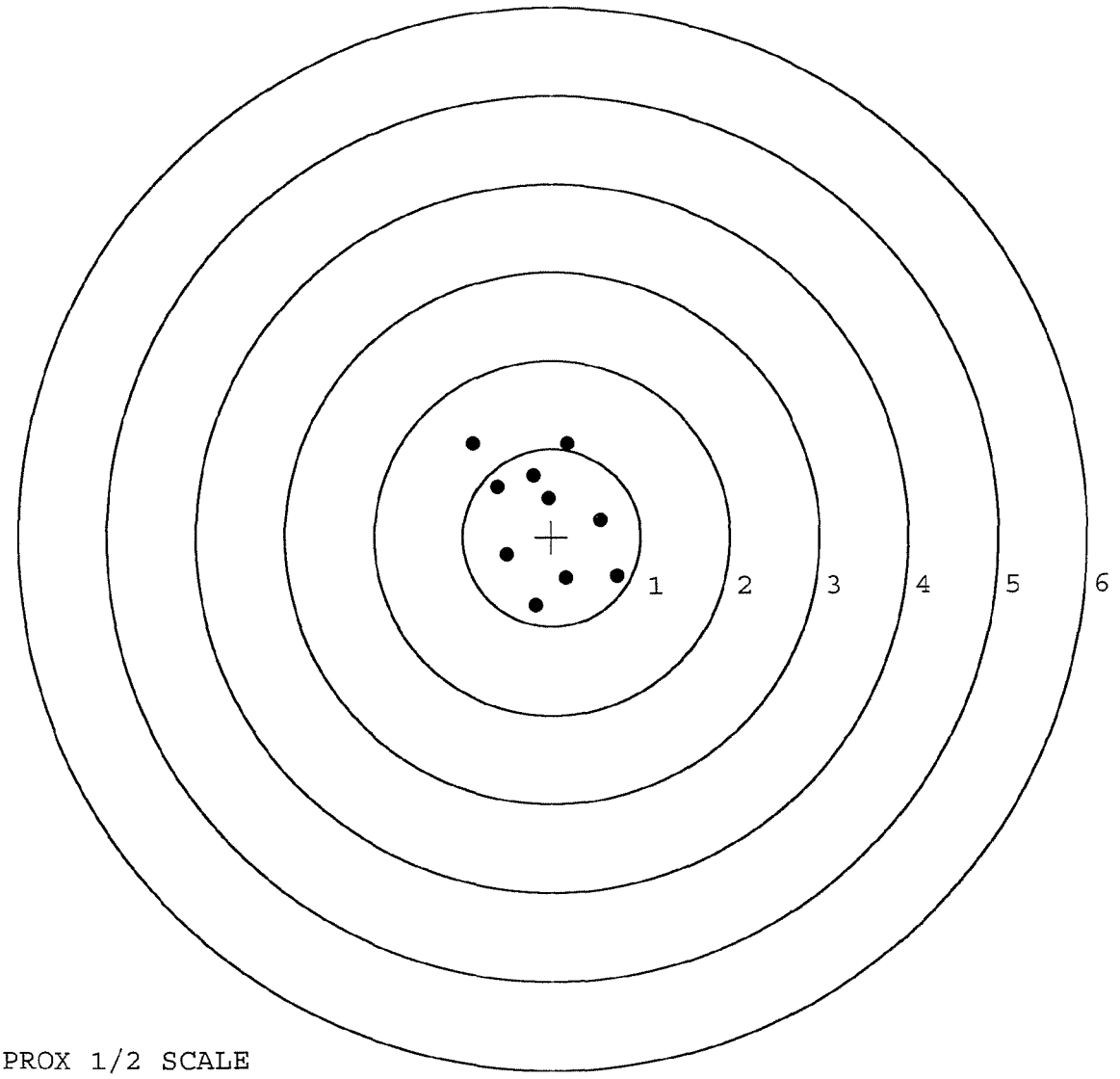


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523505.__0
TARGET NUMBER: 2
FILE DATE: 01/31/2007
FILE TIME: 23:19

X CENTROID:	-0.077
Y CENTROID:	0.212
POA TO CENTROID:	0.226
HORZ SPREAD:	1.621
VERT SPREAD:	1.833
GROUP SPREAD:	2.208
MIN RADIUS:	0.230
MAX RADIUS:	1.167
MEAN RADIUS:	0.741
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.882	1.058
2:	-0.607	0.569
3:	-0.201	0.699
4:	0.183	1.054
5:	-0.040	0.439
6:	0.552	0.197
7:	0.739	-0.441
8:	0.166	-0.471
9:	-0.182	-0.775
10:	-0.502	-0.204

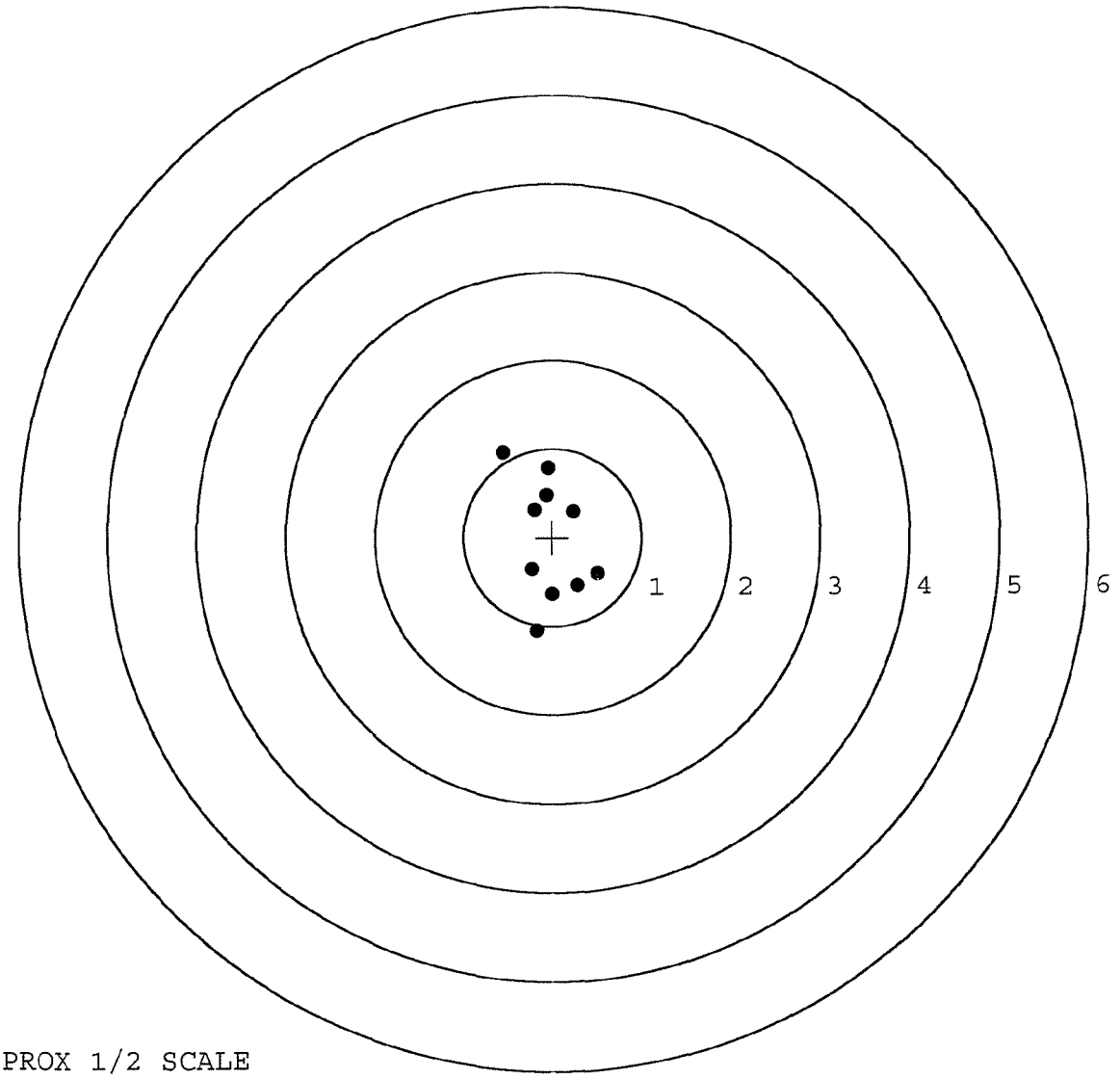


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523505.__0
TARGET NUMBER: 3
FILE DATE: 01/31/2007
FILE TIME: 23:19

X CENTROID:	-0.027
Y CENTROID:	-0.019
POA TO CENTROID:	0.033
HORZ SPREAD:	1.069
VERT SPREAD:	2.014
GROUP SPREAD:	2.050
MIN RADIUS:	0.372
MAX RADIUS:	1.114
MEAN RADIUS:	0.653
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.559	0.959
2:	-0.049	0.781
3:	0.234	0.289
4:	-0.069	0.476
5:	-0.204	0.308
6:	-0.231	-0.365
7:	-0.011	-0.643
8:	0.285	-0.543
9:	0.510	-0.400
10:	-0.175	-1.055

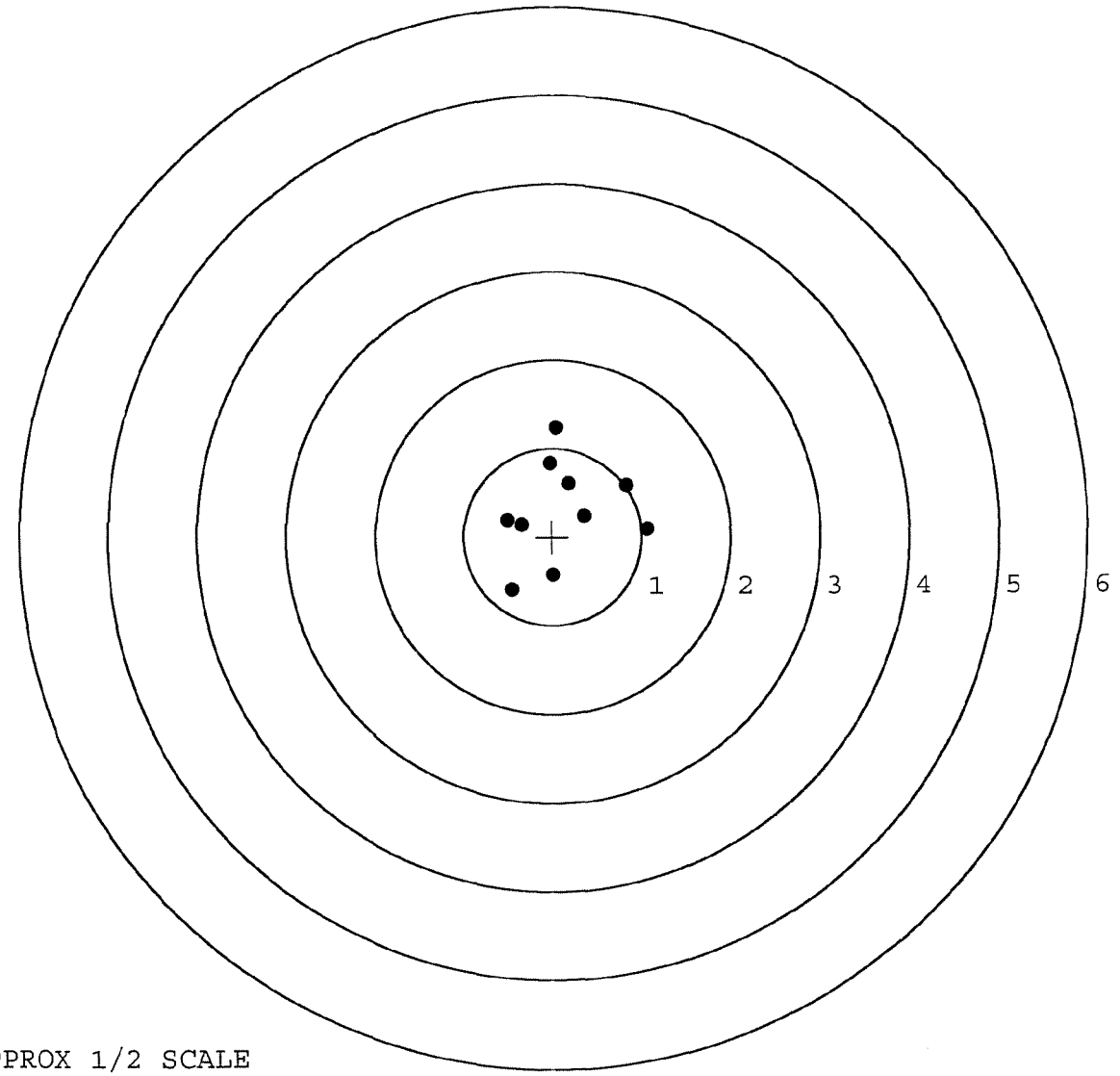


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523505.__0
TARGET NUMBER: 4
FILE DATE: 01/31/2007
FILE TIME: 23:19

X CENTROID:	0.116
Y CENTROID:	0.286
POA TO CENTROID:	0.309
HORZ SPREAD:	1.572
VERT SPREAD:	1.835
GROUP SPREAD:	1.902
MIN RADIUS:	0.245
MAX RADIUS:	1.061
MEAN RADIUS:	0.672
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.043	1.230
2:	-0.027	0.830
3:	0.184	0.602
4:	0.357	0.244
5:	0.830	0.581
6:	1.064	0.090
7:	-0.340	0.137
8:	-0.508	0.190
9:	-0.459	-0.605
10:	0.012	-0.434

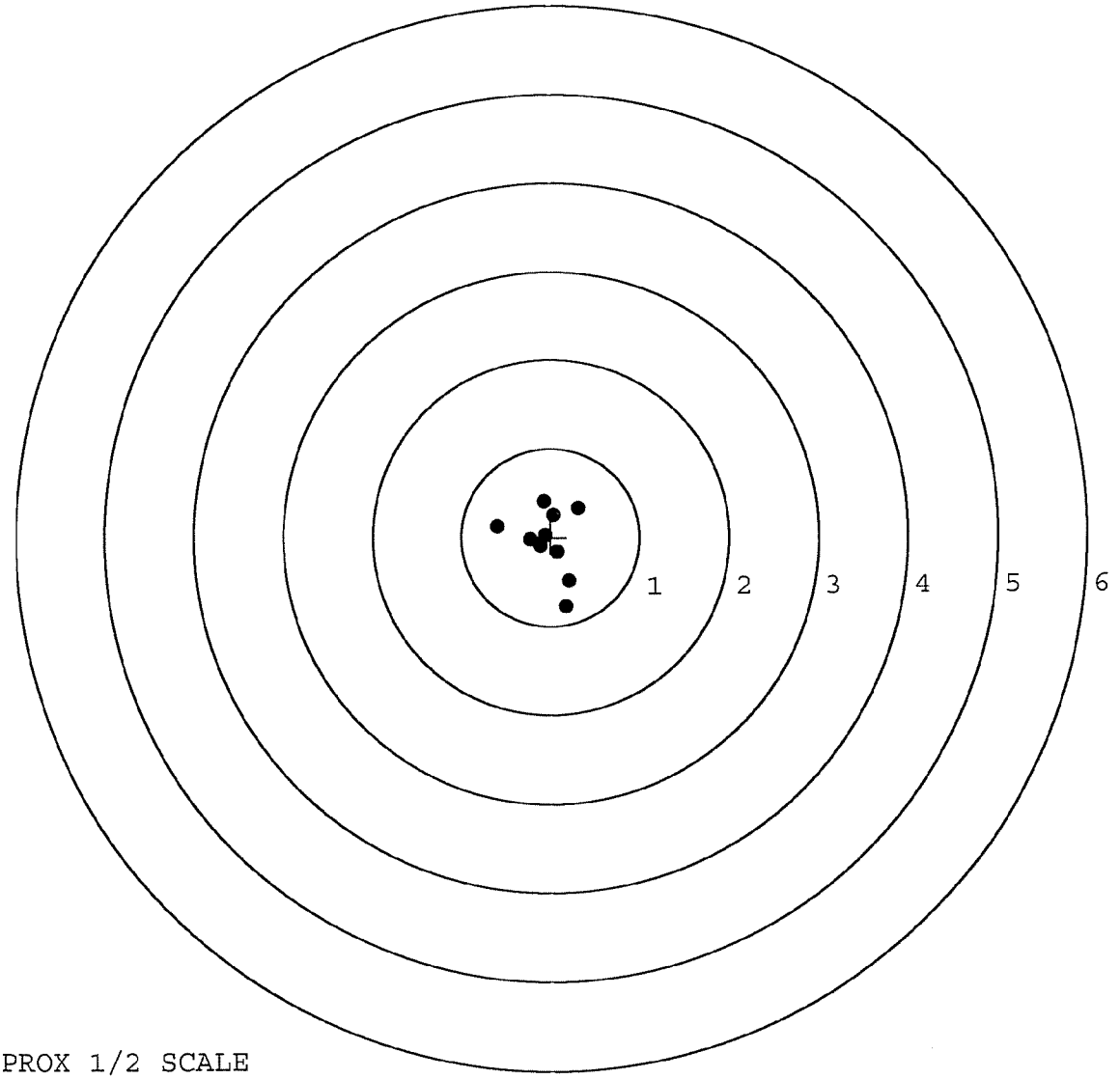


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523505.__0
TARGET NUMBER: 5
FILE DATE: 01/31/2007
FILE TIME: 23:19

X CENTROID:	-0.027
Y CENTROID:	-0.046
POA TO CENTROID:	0.054
HORZ SPREAD:	0.910
VERT SPREAD:	1.187
GROUP SPREAD:	1.214
MIN RADIUS:	0.077
MAX RADIUS:	0.767
MEAN RADIUS:	0.368
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.077	0.402
2:	0.314	0.332
3:	-0.596	0.123
4:	-0.232	-0.032
5:	-0.116	-0.106
6:	0.076	-0.170
7:	0.207	-0.496
8:	0.176	-0.785
9:	-0.063	0.022
10:	0.036	0.251



TARGET APPROX 1/2 SCALE

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	123911
SERIAL NUMBER	Q6523505
LOG-IN DATE	1-18-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN	1	1-22-07	RTC
505	RE-BARREL	1	1-23-07	RTC
420	ASSEMBLE	1	1-23-07	RTC
440	PROOF	MAGNA-FLUX INSPECTED JAN 29 2007	1-24-07	TRW
460	CHECK HEADSPACE	1	1-24-07	RTC
470	DIS-ASSEMBLE GUN	1	1-24-07	RTC
480	MAGNAFLUX	OPERATOR (APD)	1-29-07	APD
510	DRILL AND TAP		1-26-07	TRW
500	ROLLMARK CALIBER		1-29-07	CW
520	GOFF BLAST BBL / REC		1-29-07	UB
530 & 540	APPLY COATINGS		1-29-07	W
560	FINAL ASSEMBLY		1-31-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	1/31/07	MM
650	TARGET	(PASS) FAIL	1/31/07	MM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		2-2-07	RTC
	A) HEADSPACE	(PASS) FAIL	2-2-07	RTC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.40 2.46 2.54 2.57 2.48 2-1-07		TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6.25 6.0 6.0 2-1-07		TRW
	G) SAFETY OFF FORCE (2 LBS MIN)	2.75 2.5 2.5 2-1-07		TRW
	I) FIRING PIN INDENT (.020)	.025 .024^5 .024^5 2-1-07		TRW
690	PACK		2-16-07	DM

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006

BARBER - M24 0029247

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN Scope S/N 90-0854

ORDER: R 94-18821

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		C6523505		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, √Stock
√Trigger Assy, √Mag
√Box, √Mag Spgs, √Mag
√Follower, √Firing
√Pin Assy.
√Front & Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			A	A	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			7/24/96	7/24/96	

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. C6523505
DATE 7-17-96
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.57	2.60		MIN. SETTING,
PULL #2	2.42	2.58	2.60		NO AVG. OF 5
PULL #3	2.23	2.69	2.40		READINGS ACCEPT-
PULL #4	2.50	2.59	2.62		ABLE LESS THAN 2#
PULL #5	2.28	2.39	2.32		
TOTAL	11.76	12.82	12.54		
AVG.	2.35	2.56	2.50		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.08		
PULL #2	3.18	3.15		
PULL #3	3.11	3.32		
PULL #4	3.27	3.29		
PULL #5	3.06	3.12		
TOTAL	15.71	15.96		
AVG.	3.14	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.05		4.05
PULL #2	4.16	4.04		4.15
PULL #3	4.06	4.00		4.20
PULL #4	4.01	3.93		4.00
PULL #5	4.07	4.16		4.00
TOTAL	20.34	20.18		20.40
AVG.	4.06	4.03		4.08

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7.25			8/2	SF
	G) Safety Off Force	4	5	5			8/2	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.0245			8/2	SF
	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	2.38	2.41	2.42	2.40	2.40	8/2	SF
	C) Function							
660	Pack							

M-24

CONTRACT # DAAA21-87-C-0086

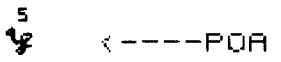
GUN SERIAL #

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			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523505
7 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	.192276
1	TO	2	.265036
1	TO	3	.267882
1	TO	4	.0816333
1	TO	5	.394183

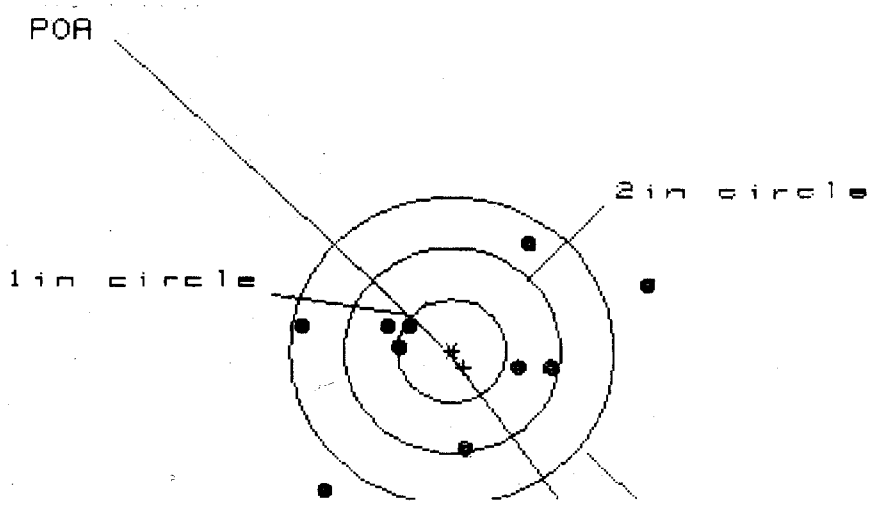


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.02
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1722
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .173358

THE AMR FOR THIS RIFLE IS: 1.05

7 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6523505

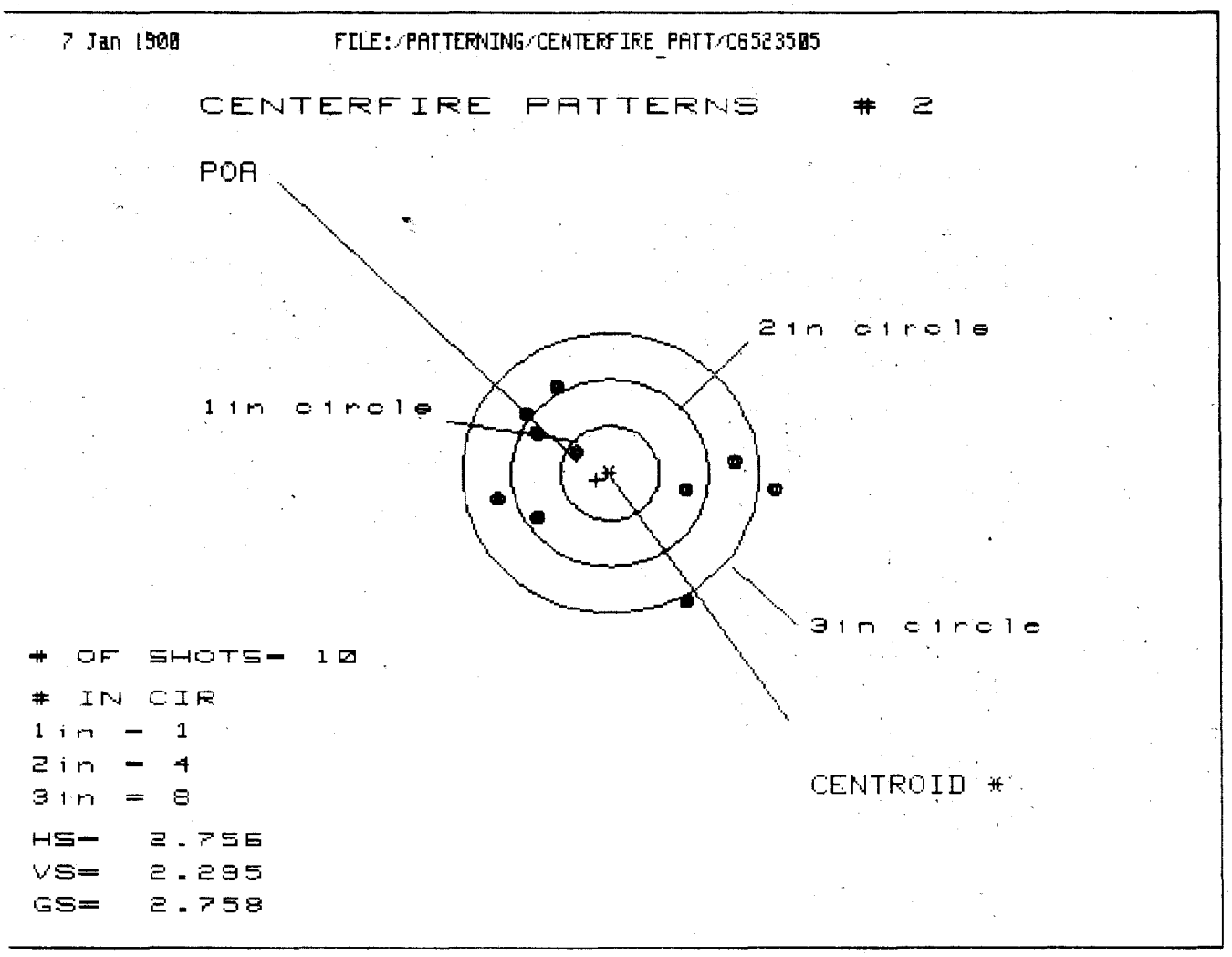
CENTERFIRE PATTERNS # 1



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8.
HS= 3.249
VS= 2.375
GS= 3.615

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.821	1.148	1.026
MINIMUM X	:	-1.428	-1.226	-1.348
MAXIMUM Y	:	1.051	1.128	.972
MINIMUM Y	:	-1.324	-1.247	-.990
CENTROID X	:	-.111	-.313	-.191
CENTROID Y	:	.157	.080	.236
POA TO CENTROID in.	:	.192	.323	.303
MIN RADIUS	:	.469	.293	.363
MEAN RADIUS	:	1.050	.921	.833
MAX RADIUS	:	1.948	1.585	1.363
HORIZONTAL SPREAD	:	3.249	2.374	2.374
VERTICAL SPREAD	:	2.375	2.375	1.962
EXTREME SPREAD	:	3.615	3.006	2.415

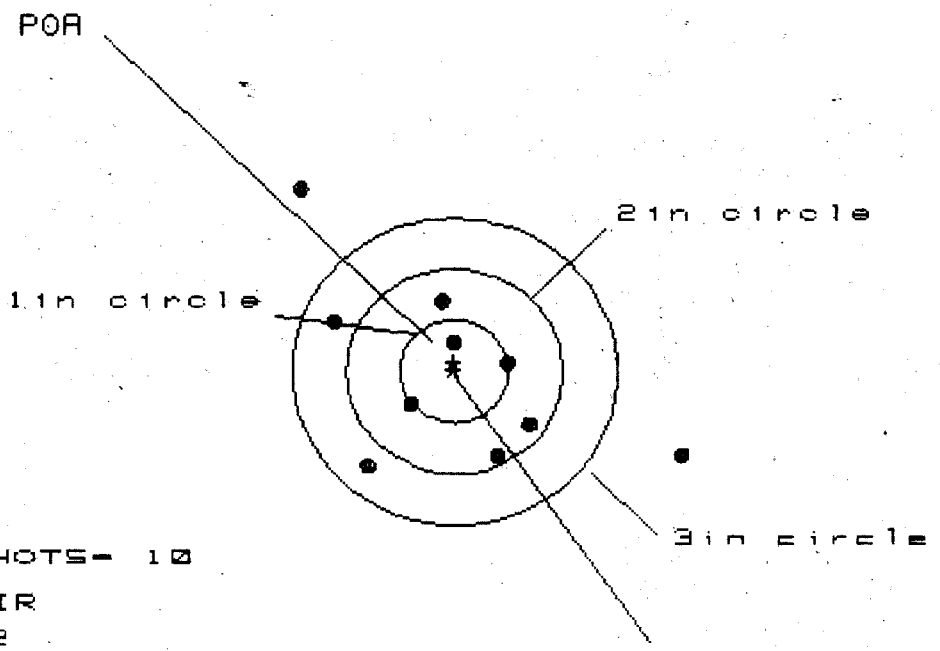
NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.645	1.419	1.535
MINIMUM X	:	-1.110	-.928	-.811
MAXIMUM Y	:	.912	.899	.724
MINIMUM Y	:	-1.383	-1.396	-.626
CENTROID X	:	.139	-.043	-.160
CENTROID Y	:	.069	.082	.257
POA TO CENTROID in.	:	.156	.093	.302
MIN RADIUS	:	.436	.291	.084
MEAN RADIUS	:	1.060	.950	.791
MAX RADIUS	:	1.650	1.677	1.536
HORIZONTAL SPREAD	:	2.756	2.347	2.347
VERTICAL SPREAD	:	2.295	2.295	1.350
EXTREME SPREAD	:	2.758	2.652	2.375
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CG523505

CENTERFIRE PATTERNS # 3



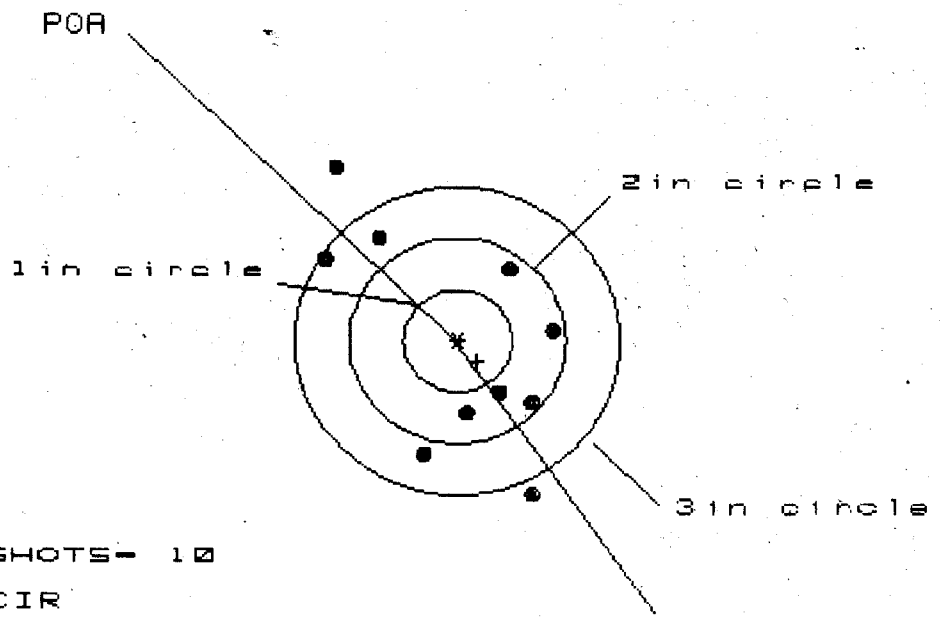
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= 3.544
VS= 2.695
GS= 4.381

PATTERN # : [redacted]

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	2.129	1.972	.799
MINIMUM X :	-1.415	-1.247	-1.001
MAXIMUM Y :	1.795	.891	.818
MINIMUM Y :	-.900	-.700	-.773
CENTROID X :	.008	.165	-.081
CENTROID Y :	-.083	-.283	-.210
POA TO CENTROID in.:	.084	.327	.225
MIN RADIUS :	.247	.463	.359
MEAN RADIUS :	1.067	.927	.766
MAX RADIUS :	2.286	2.055	1.151
HORIZONTAL SPREAD :	3.544	3.219	1.800
VERTICAL SPREAD :	2.695	1.591	1.591
EXTREME SPREAD :	4.381	3.443	2.049
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

7 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CG523505

CENTERFIRE PATTERNS # 4

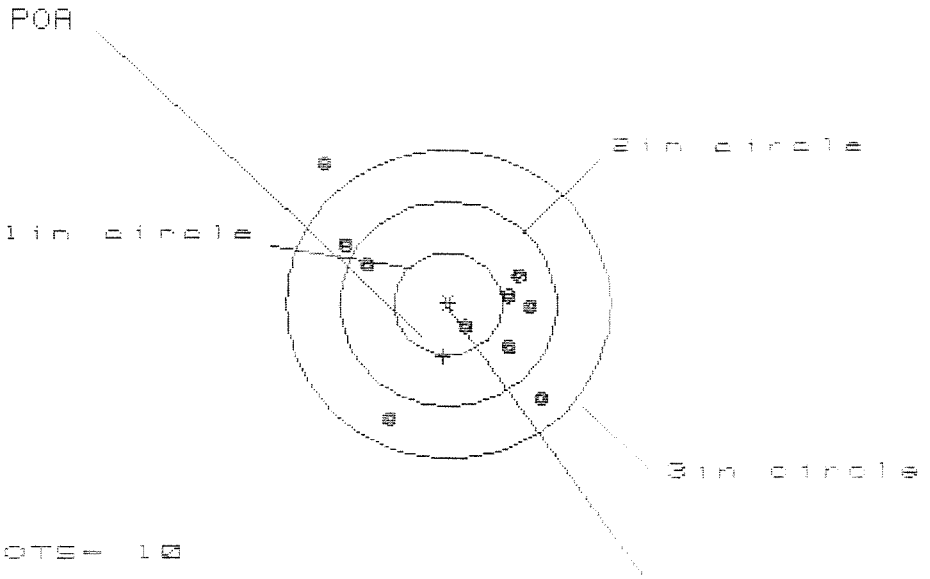


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 5
3in = 8
HS= 2.105
VS= 3.227
GS= 3.708

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.922	.796	.866
MINIMUM X	:	-1.182	-1.309	-1.239
MAXIMUM Y	:	1.738	1.160	.998
MINIMUM Y	:	-1.489	-1.296	-1.022
CENTROID X	:	-.181	-.054	-.124
CENTROID Y	:	.199	.006	.168
POA TO CENTROID in.	:	.269	.054	.208
MIN RADIUS	:	.624	.396	.564
MEAN RADIUS	:	1.153	.992	.963
MAX RADIUS	:	2.078	1.665	1.512
HORIZONTAL SPREAD	:	2.105	2.105	2.105
VERTICAL SPREAD	:	3.227	2.456	2.020
EXTREME SPREAD	:	3.708	2.982	2.415
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C05235B5

CENTERFIRE PATTERNS # 5

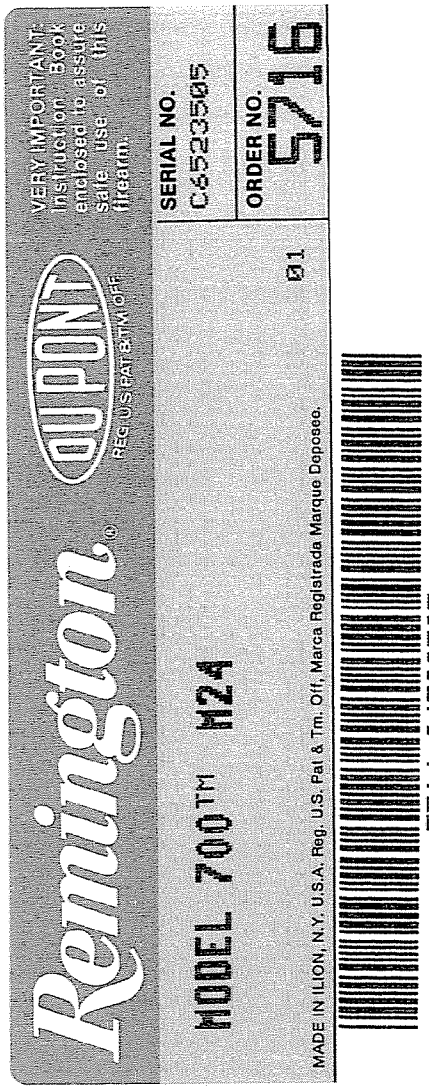


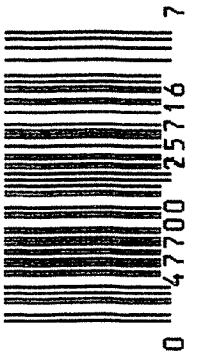
OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 9

HS= 2.015
VS= 2.515
GS= 3.098

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.823	.690	.735
MINIMUM X	:	-1.192	-1.035	-.949
MAXIMUM Y	:	1.395	.776	.675
MINIMUM Y	:	-1.120	-.965	-1.066
CENTROID X	:	.045	.178	.091
CENTROID Y	:	.519	.364	.465
POA TO CENTROID in.	:	.521	.405	.474
MIN RADIUS	:	.237	.055	.167
MEAN RADIUS	:	.921	.763	.747
MAX RADIUS	:	1.835	1.293	1.217
HORIZONTAL SPREAD	:	2.015	1.725	1.684
VERTICAL SPREAD	:	2.515	1.741	1.741
EXTREME SPREAD	:	3.098	2.339	1.808
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24
SERIAL NO.
C6523505
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6523505


UPC
0 47700 25716 7

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M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #C6523505

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KA
600	Proof		10/2/90	KA
607	Check Headspace		10/2/90	KA
610	Dis-assemble Gun		10/2/90	KA
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	DS
617	Drill and Tap Sight Holes		10/8/90	KB
618	Polish Barrel KB		10/9/90	KB
620	Apply Coatings (Barrel Action)		10-20-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	KA
	C) Inspect Ejector Hole for Chamfer		10/21/90	KA
	D) Oil Firing Pin Ass'y		10/21/90	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11/2/90	KA

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	4 : 4 : 4	11/2/90	WB
	G) Safety Off Force	2 : 2 : 2	11/2/90	WB
	H) Trigger Pull Test & Retainability		11/2/90	
	I) Firing Pin Indent	.071 : .0205 : .071	11/2/90	WB
	J) Assemble Stock		11/2/90	
	K) Assemble Swivel Studs		11-20-90	
	L) Attach Front and Rear Sight Assemblies		11/2/90	
	M) Iron Sight Alignment		11/2/90	
	N) Detach Front & Rear Sights & place in numbered container		11/2/90	
	O) Attach Scope to Rifle		11/2/90	
	P) Detach & Attach Scope 20 Times		11/2/90	
640	Gallery Target & Test		11-6-90	DH
	A) Time		11-6-90	DH
	B) Malfunctions		11-6-90	DH
	C) Pierced Primers		11-6-90	DH
	D) Optical Clearity of Scope		11-6-90	DH
645	Inspect for Live Ammo		11-6-90	DH
655	Final Inspection A) Headspace		11-20-90	
	B) Trigger Pull	242 : 230 : 231 : 236 : 237	11-20-90	
	C) Function		11-20-90	
660	Pack		12/14/90	

SWS TRIGGER PULL TEST

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

SERIAL NO C6523505
DATE 11/2/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.11	2.35	2.42	MIN. SETTING,
PULL #2	2.19	2.38	2.27	2.36	NO AVG. OF 5
PULL #3	2.30	2.21	2.32	2.37	READINGS ACCEPT-
PULL #4	2.35	2.23	2.23	2.36	ABLE LESS THAN 2#
PULL #5	2.19	2.37	2.25	2.37	
TOTAL	11.38	11.3	11.42		
AVG.	2.276	2.26	2.284		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.41		
PULL #2	3.32	3.38		
PULL #3	3.42	3.43		
PULL #4	3.41	3.40		
PULL #5	3.41	3.38		
TOTAL	17.02	17.00		
AVG.	3.404	3.4		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.32		4.36
PULL #2	4.34	4.21		4.34
PULL #3	4.30	4.36		4.28
PULL #4	4.27	4.28		4.34
PULL #5	4.17	4.16		4.19
TOTAL	21.39	21.33		21.51
AVG.	4.278	4.266		4.302

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523505
6 Nov 1990

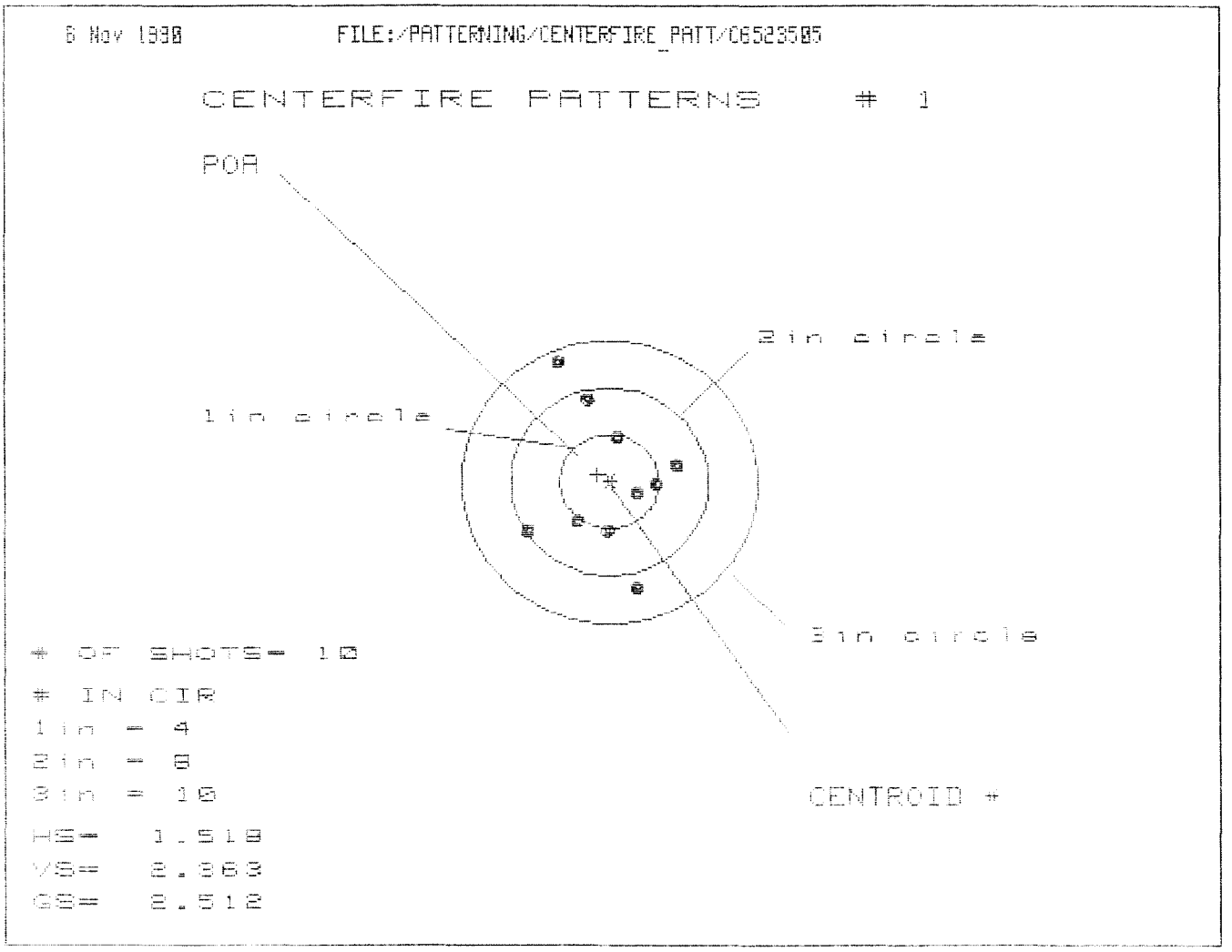
CENTROIDAL DISTANCES

0	TO	1	.145962
1	TO	2	.00360555
1	TO	3	.10002
1	TO	4	.222
1	TO	5	.0604401

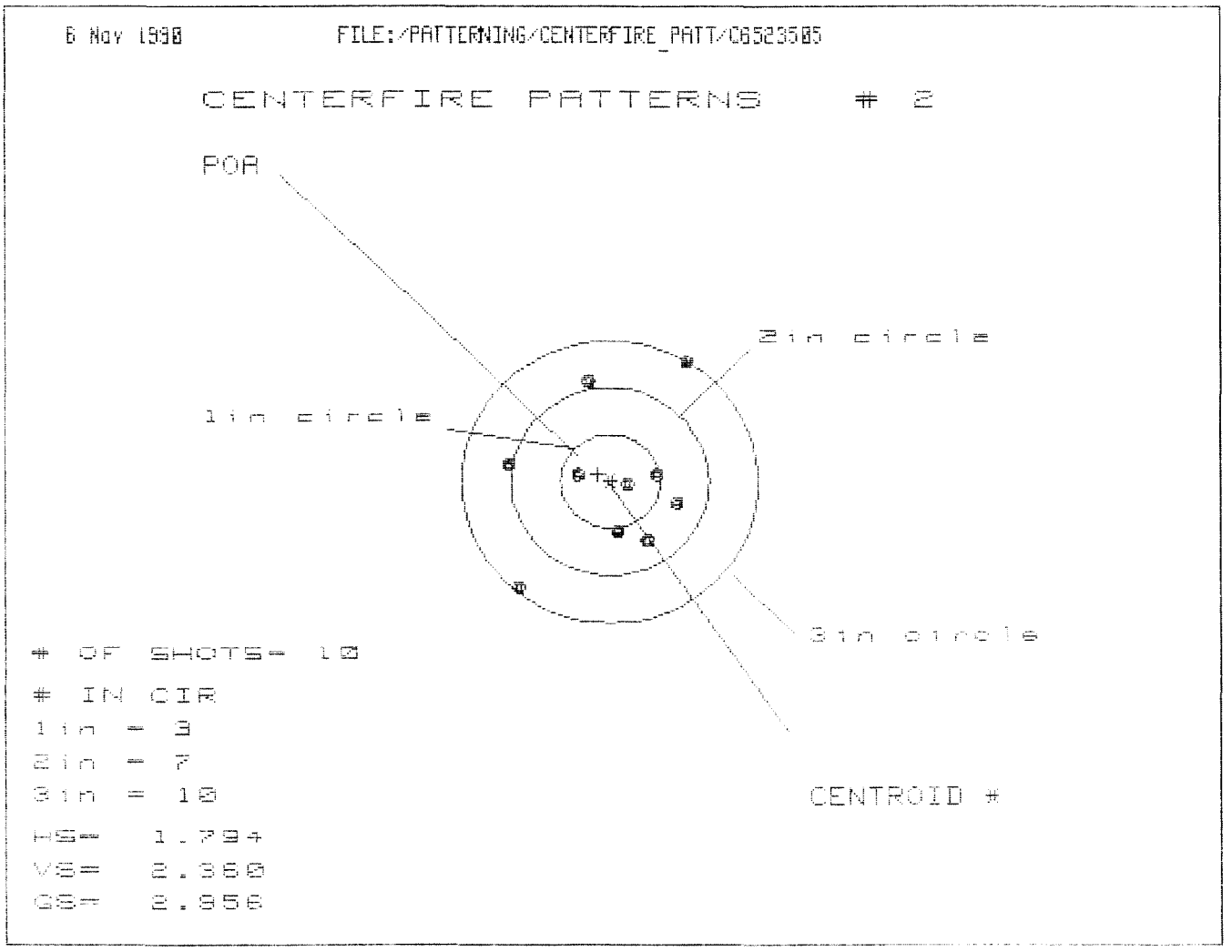
1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1524
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0914
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177707

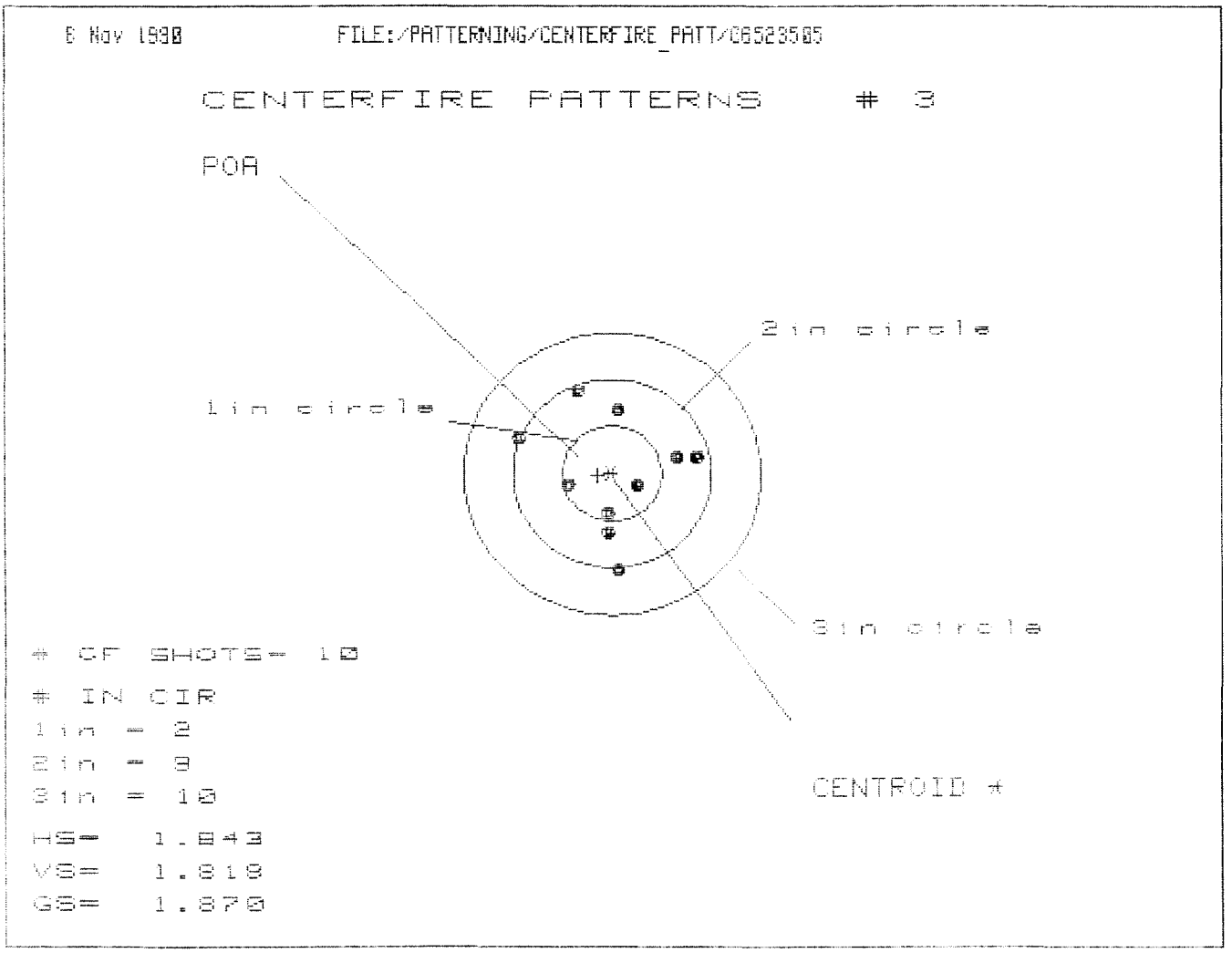
THE AMR FOR THIS RIFLE IS: .7776



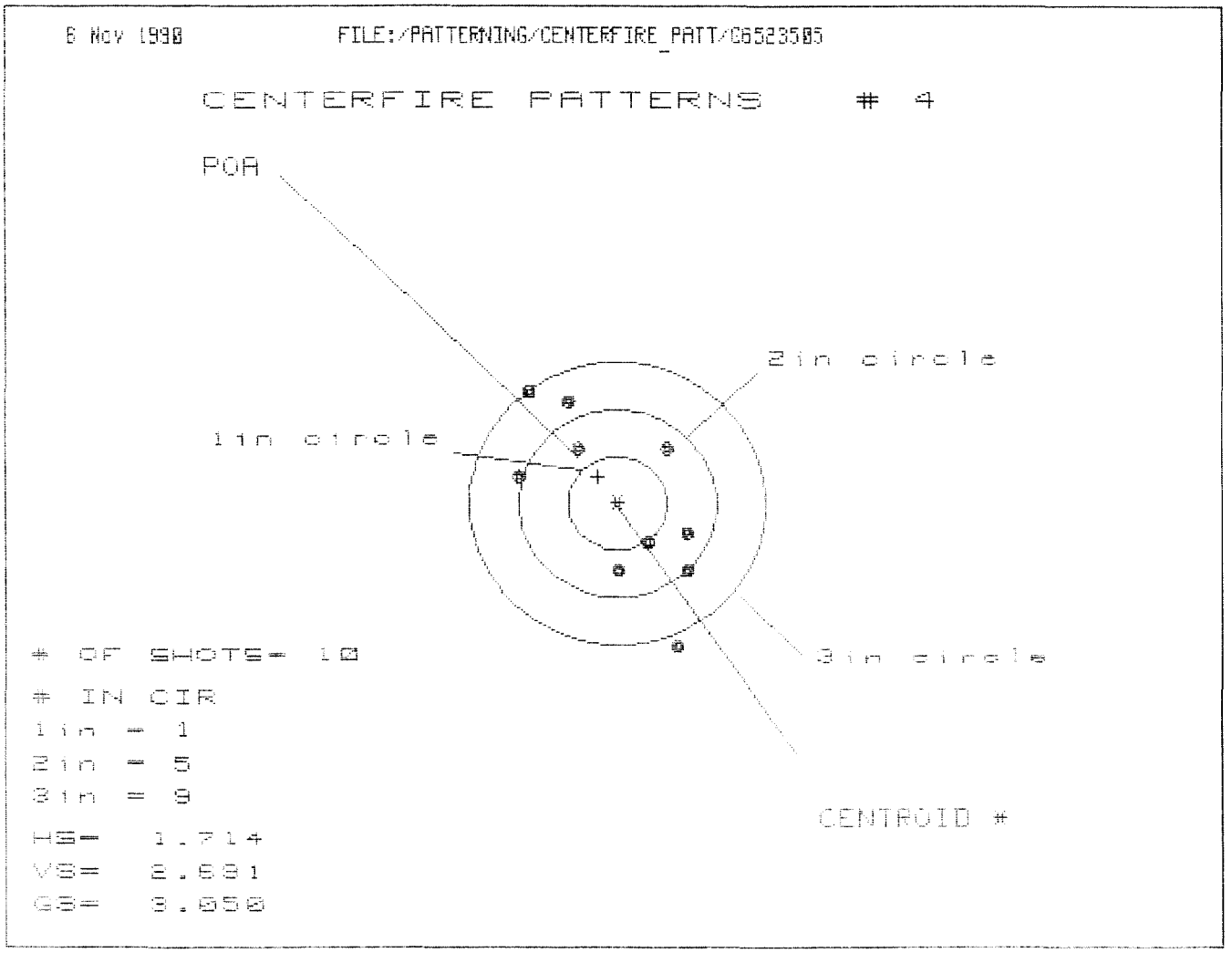
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.716	.656	.689
MINIMUM X	:	-.802	-.862	-.829
MAXIMUM Y	:	1.256	1.040	.919
MINIMUM Y	:	-1.107	-.968	-.541
CENTROID X	:	.124	.184	.151
CENTROID Y	:	-.077	-.216	-.095
POA TO CENTROID in.	:	.146	.284	.179
MIN RADIUS	:	.318	.222	.385
MEAN RADIUS	:	.747	.651	.613
MAX RADIUS	:	1.365	1.082	.990
HORIZONTAL SPREAD	:	1.518	1.518	1.518
VERTICAL SPREAD	:	2.363	2.008	1.460
EXTREME SPREAD	:	2.512	2.084	1.704
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



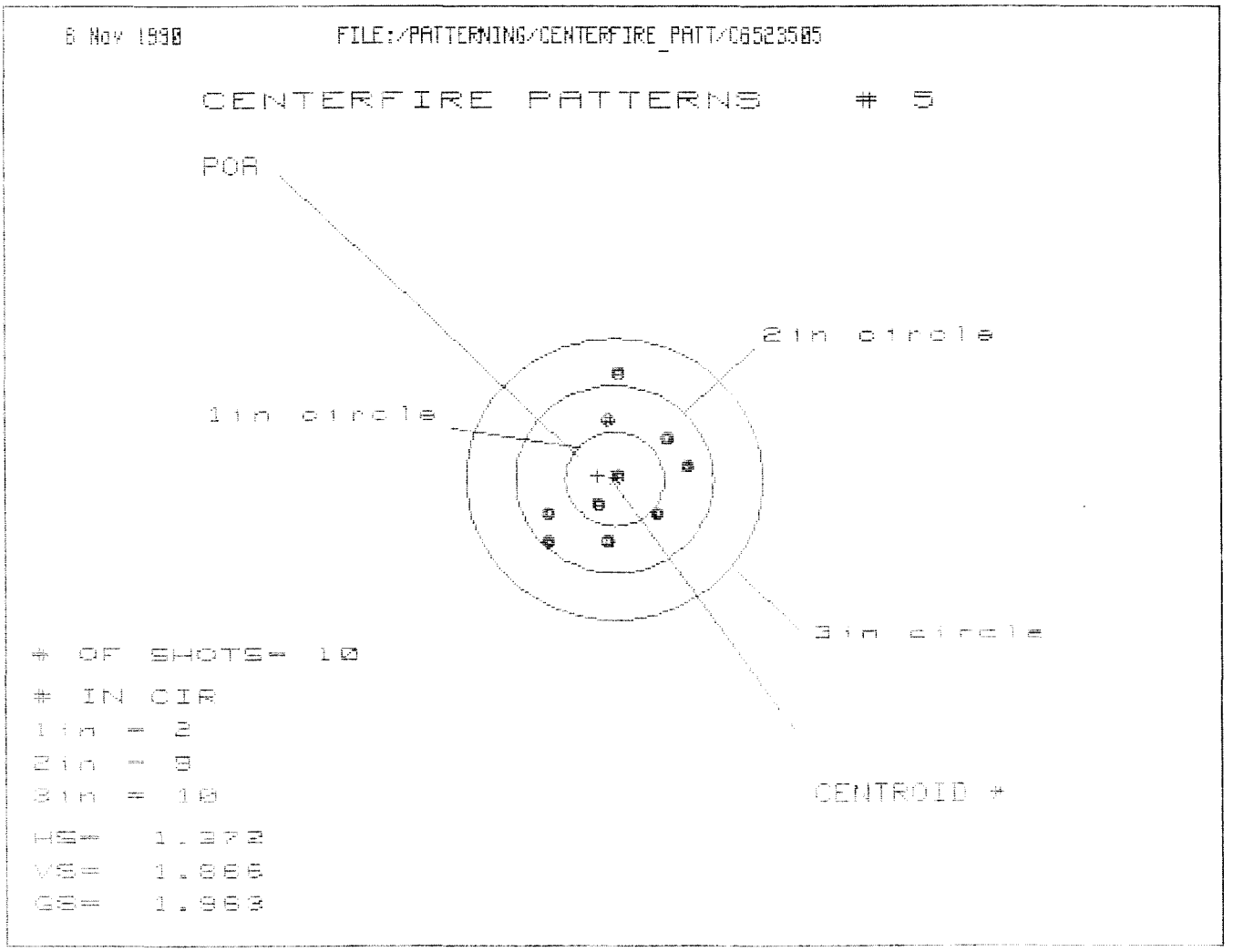
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.817	.775	.666
MINIMUM X	:	-.977	-.886	-.995
MAXIMUM Y	:	1.241	1.169	1.046
MINIMUM Y	:	-1.119	-.981	-.634
CENTROID X	:	.127	.036	.145
CENTROID Y	:	-.075	-.213	-.090
POA TO CENTROID in.	:	.148	.216	.171
MIN RADIUS	:	.126	.250	.107
MEAN RADIUS	:	.803	.727	.629
MAX RADIUS	:	1.486	1.313	1.078
HORIZONTAL SPREAD	:	1.794	1.661	1.661
VERTICAL SPREAD	:	2.360	2.150	1.681
EXTREME SPREAD	:	2.956	2.269	1.792
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.900	.795	.780
MINIMUM X	:	-.943	-.588	-.595
MAXIMUM Y	:	.846	.886	.769
MINIMUM Y	:	-.972	-.932	-.744
CENTROID X	:	.144	.249	.256
CENTROID Y	:	.021	-.019	.098
POA TO CENTROID in.	:	.145	.249	.274
MIN RADIUS	:	.300	.189	.267
MEAN RADIUS	:	.706	.656	.628
MAX RADIUS	:	1.008	1.015	.919
HORIZONTAL SPREAD	:	1.843	1.383	1.383
VERTICAL SPREAD	:	1.818	1.818	1.513
EXTREME SPREAD	:	1.870	1.870	1.544
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.714	.776	.674
MINIMUM X	:	-1.000	-.938	-1.040
MAXIMUM Y	:	1.213	1.049	1.006
MINIMUM Y	:	-1.478	-.914	-.783
CENTROID X	:	.196	.134	.236
CENTROID Y	:	-.287	-.123	-.254
POA TO CENTROID in.	:	.348	.182	.347
MIN RADIUS	:	.486	.523	.492
MEAN RADIUS	:	.974	.903	.831
MAX RADIUS	:	1.579	1.330	1.130
HORIZONTAL SPREAD	:	1.714	1.714	1.714
VERTICAL SPREAD	:	2.691	1.963	1.789
EXTREME SPREAD	:	3.050	2.528	2.148
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.705	.622
MINIMUM X	:	-.673	-.667	-.750
MAXIMUM Y	:	1.169	.799	.734
MINIMUM Y	:	-.697	-.568	-.633
CENTROID X	:	.171	.165	.240
CENTROID Y	:	-.039	-.168	-.103
POA TO CENTROID in.	:	.175	.236	.269
MIN RADIUS	:	.019	.140	.094
MEAN RADIUS	:	.658	.593	.556
MAX RADIUS	:	1.170	.847	.823
HORIZONTAL SPREAD	:	1.372	1.372	1.372
VERTICAL SPREAD	:	1.866	1.367	1.867
EXTREME SPREAD	:	1.963	1.599	1.487
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	