C6498815

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Arms Service 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: RE00129840 | Verify Repair

Serial: C6498815 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 5/30/2007 10:36:20 AM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: TRANSPORTATION OFFICER	TRANSPORTATION OFFICER
Address 1: BLDG 49015 CRSP UPSTAIRS	BLDG 49015 CRSP UPSTAIRS
Address 2: SANTA FE AVE PO Box:	SANTA FE AVE PO Box:
City: FORT HOOD	FORT HOOD
State: TX Zip Code: 76544 Country: US	State: TX Zip Code: 76544 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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	2

Repair Search | Refresh | Close

nagletj | 5/30/2007 | 2:05 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | 2 Mi... | Part ... | 4 In... | SAP L... | Arms ... | 2:05 PM

Serial Number: C6498815

Model: M24 SWS

RE00129840

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.
C6498815

ORDER NO.
5716

01

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

5716 C6498815

UPC

0 47700 25716 7

AVERAGE PULL FORCE BETWEEN INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 7-18-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.82		2.80	
PULL #2	2.50	2.88		2.81	
PULL #3	2.36	2.57		2.81	
PULL #4	2.30	2.54		2.82	
PULL #5	2.31	2.45		2.86	
TOTAL	12.09	13.26		14.10	
AVERAGE	2.41	2.65		2.82	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.17		
PULL #2	3.14	3.18		
PULL #3	3.06	3.20		
PULL #4	3.15	3.23		
PULL #5	3.14	3.27		
TOTAL	15.72	16.05		
AVERAGE	3.14	3.21		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.32	4.56		4.57
PULL #2	4.26	4.59		4.58
PULL #3	4.33	4.48		4.57
PULL #4	4.34	4.43		4.69
PULL #5	4.35	4.51		4.64
TOTAL	21.60	22.57		23.05
AVERAGE	4.32	4.51		4.61

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498815.__0
FILE DATE AND TIME: 07/26/2007 07:18

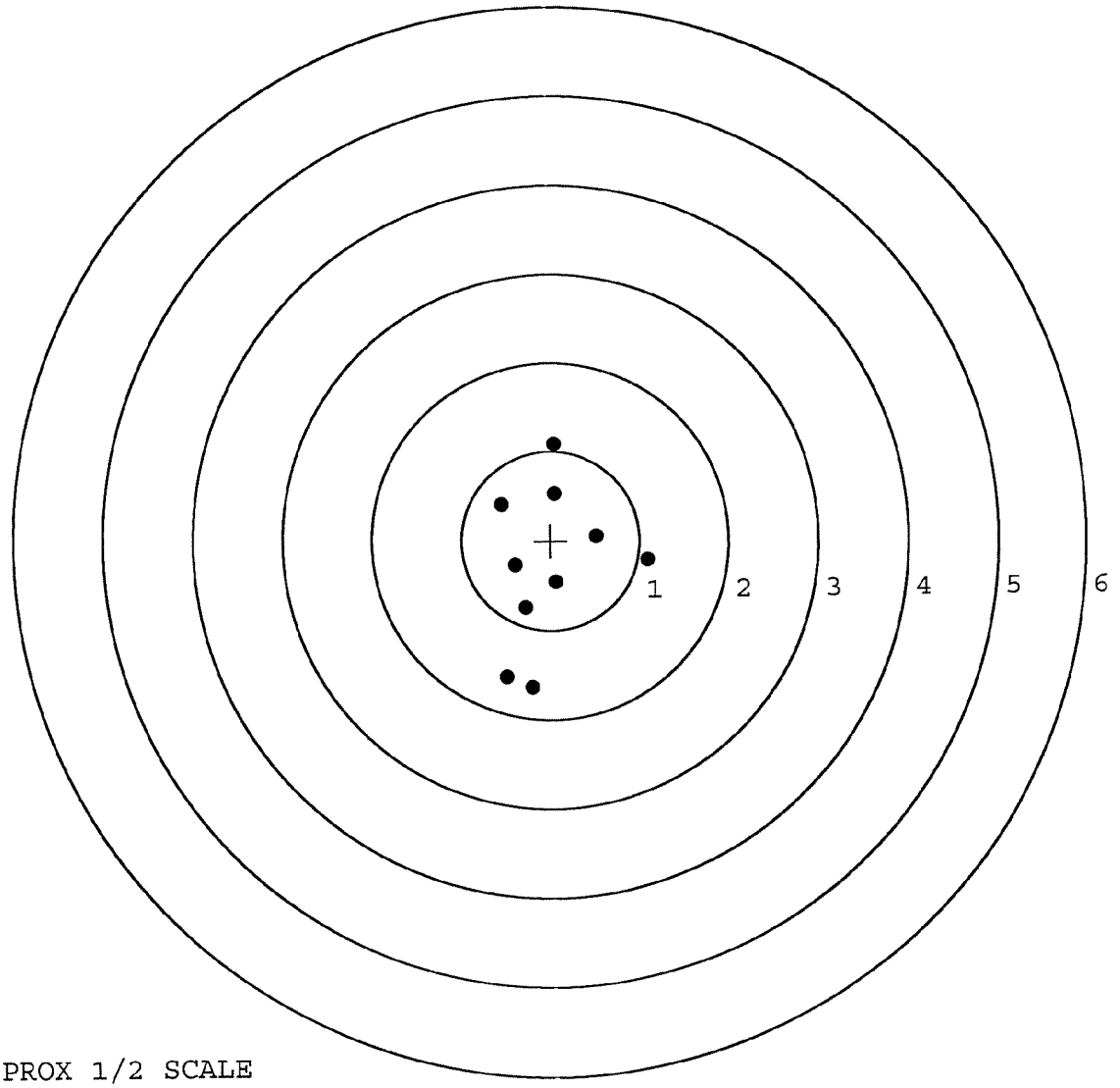
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.042
The Average Y Centroid of the Five Target Set:	-0.095
The Average Point of Impact of the Five Target Set:	0.103
The Average Mean Radius of the Five Target Set:	0.595
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.150
The Distance from Centroid Target #4 to Centroid Target #1:	0.439
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: C6498815.__0
TARGET NUMBER: 1
FILE DATE: 07/26/2007
FILE TIME: 07:18

X CENTROID:	-0.021
Y CENTROID:	-0.282
POA TO CENTROID:	0.282
HORZ SPREAD:	1.644
VERT SPREAD:	2.715
GROUP SPREAD:	2.729
MIN RADIUS:	0.196
MAX RADIUS:	1.374
MEAN RADIUS:	0.861
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.224	-1.640
2:	-0.511	-1.524
3:	-0.290	-0.752
4:	0.059	-0.461
5:	-0.402	-0.272
6:	0.518	0.049
7:	1.091	-0.222
8:	0.051	0.521
9:	-0.553	0.410
10:	0.053	1.075

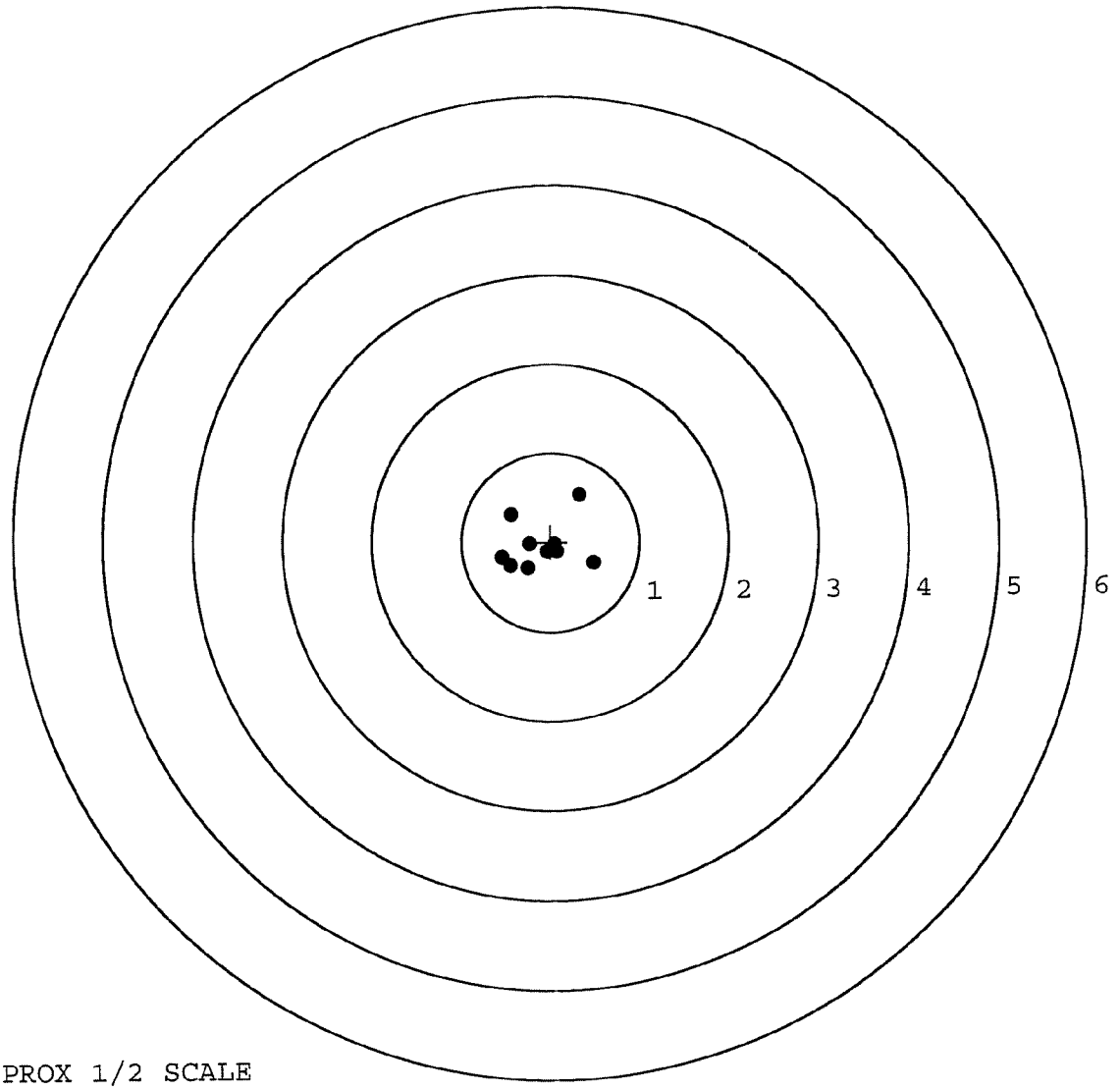


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498815.__0
TARGET NUMBER: 2
FILE DATE: 07/26/2007
FILE TIME: 07:18

X CENTROID:	-0.108
Y CENTROID:	-0.039
POA TO CENTROID:	0.115
HORZ SPREAD:	1.033
VERT SPREAD:	0.810
GROUP SPREAD:	1.118
MIN RADIUS:	0.096
MAX RADIUS:	0.711
MEAN RADIUS:	0.356
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.040	-0.033
2:	0.327	0.523
3:	-0.444	0.309
4:	-0.553	-0.167
5:	0.480	-0.237
6:	-0.246	-0.021
7:	-0.264	-0.287
8:	-0.043	-0.110
9:	0.073	-0.107
10:	-0.455	-0.262

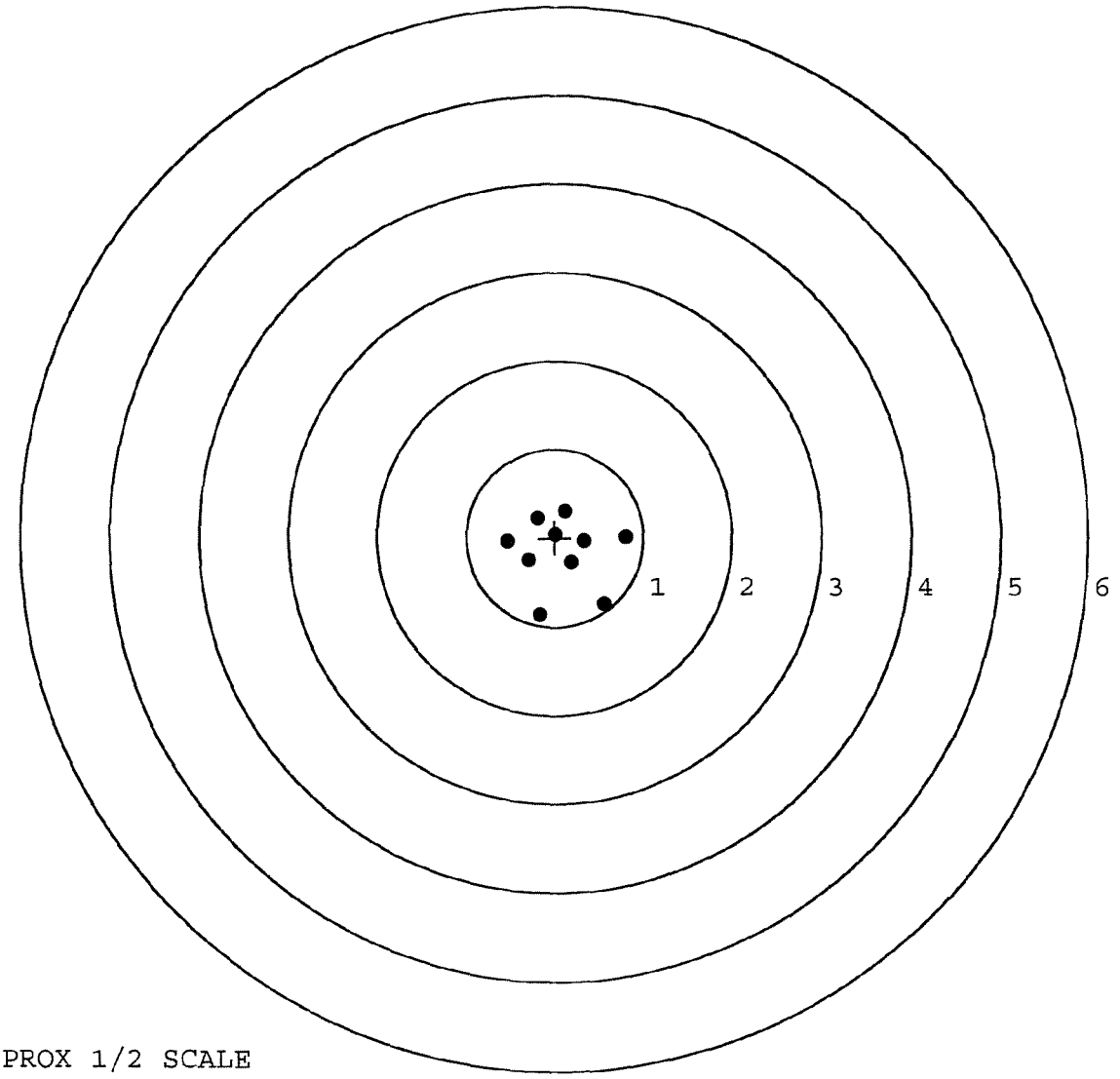


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498815.__0
TARGET NUMBER: 3
FILE DATE: 07/26/2007
FILE TIME: 07:18

X CENTROID:	0.077
Y CENTROID:	-0.168
POA TO CENTROID:	0.185
HORZ SPREAD:	1.340
VERT SPREAD:	1.163
GROUP SPREAD:	1.298
MIN RADIUS:	0.155
MAX RADIUS:	0.749
MEAN RADIUS:	0.485
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.554	-0.746
2:	-0.173	-0.869
3:	0.800	0.013
4:	0.331	-0.046
5:	0.184	-0.280
6:	-0.302	-0.256
7:	-0.540	-0.047
8:	0.115	0.294
9:	-0.205	0.219
10:	0.009	0.038

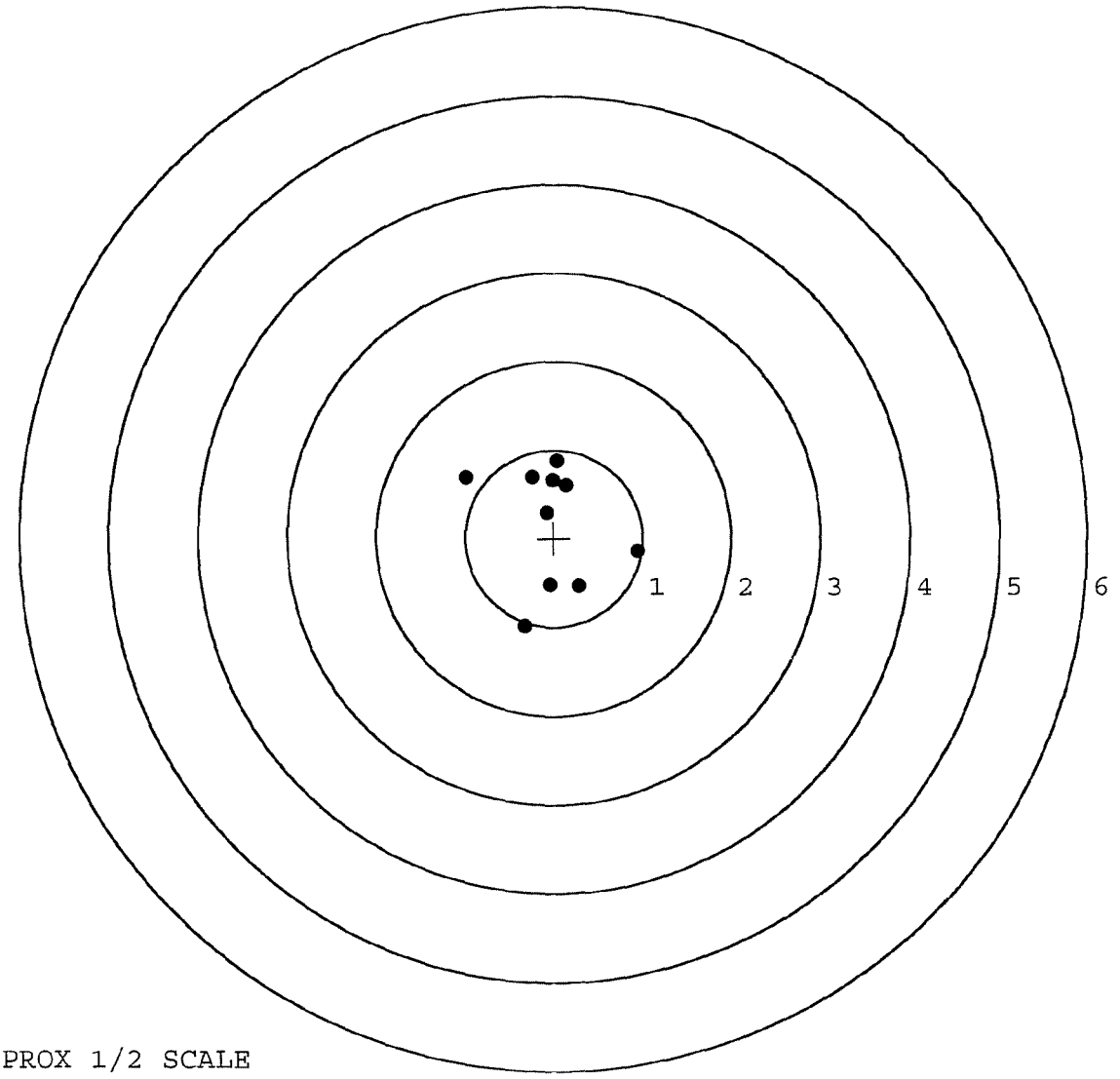


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498815.__0
TARGET NUMBER: 4
FILE DATE: 07/26/2007
FILE TIME: 07:18

X CENTROID:	-0.030
Y CENTROID:	0.157
POA TO CENTROID:	0.160
HORZ SPREAD:	1.942
VERT SPREAD:	1.874
GROUP SPREAD:	1.910
MIN RADIUS:	0.142
MAX RADIUS:	1.194
MEAN RADIUS:	0.720
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.946	-0.148
2:	0.285	-0.547
3:	-0.041	-0.539
4:	-0.329	-0.999
5:	-0.996	0.687
6:	-0.080	0.290
7:	0.138	0.598
8:	-0.252	0.693
9:	0.039	0.875
10:	-0.014	0.660

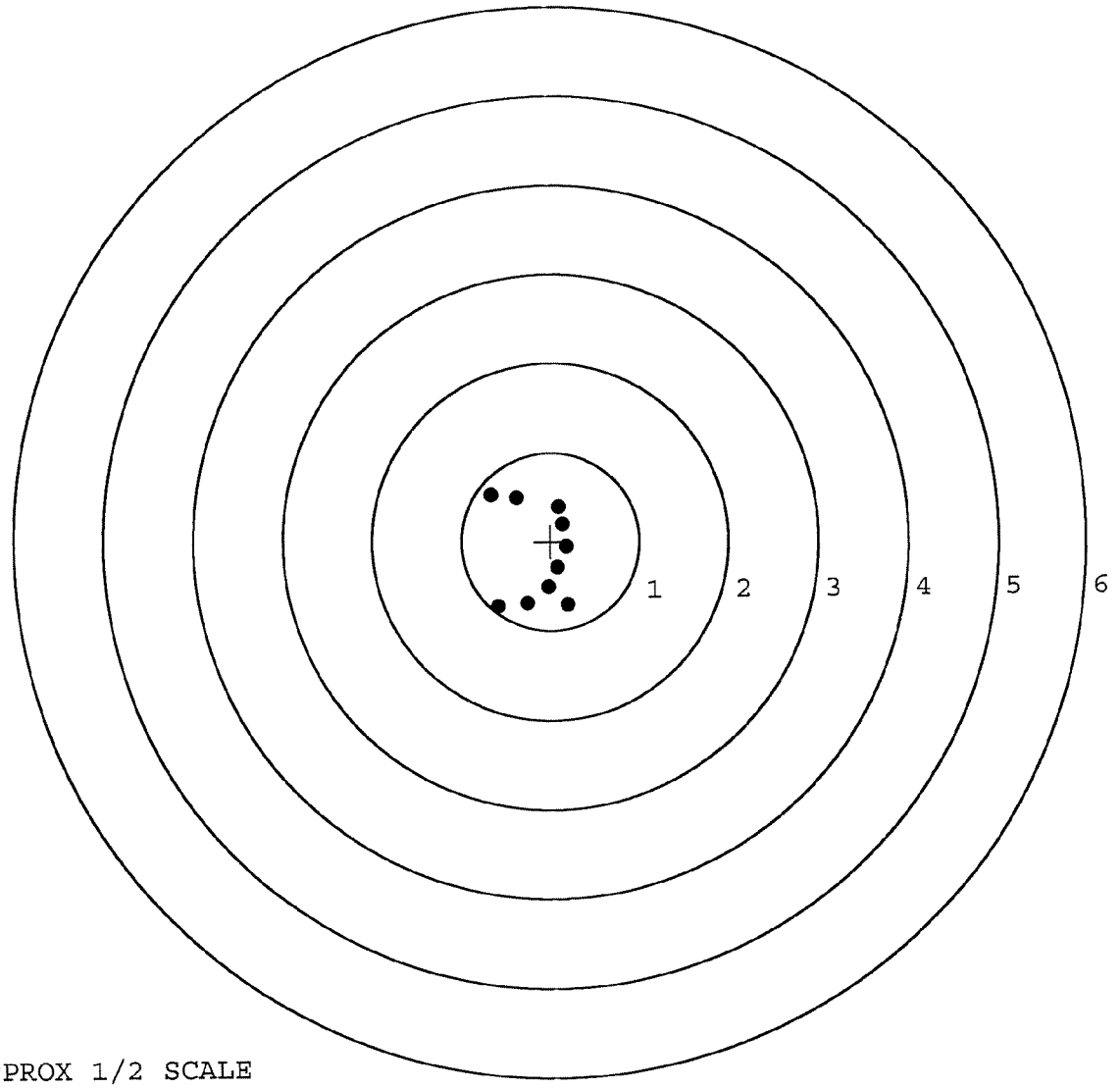


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498815.__0
TARGET NUMBER: 5
FILE DATE: 07/26/2007
FILE TIME: 07:18

X CENTROID:	-0.127
Y CENTROID:	-0.141
POA TO CENTROID:	0.190
HORZ SPREAD:	0.856
VERT SPREAD:	1.265
GROUP SPREAD:	1.516
MIN RADIUS:	0.260
MAX RADIUS:	0.862
MEAN RADIUS:	0.550
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.191	-0.719
2:	-0.029	-0.519
3:	-0.273	-0.696
4:	-0.595	-0.733
5:	0.079	-0.299
6:	0.174	-0.061
7:	0.137	0.198
8:	0.094	0.388
9:	-0.385	0.498
10:	-0.665	0.532



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00129840

SERIAL NUMBER C6498815

LOG-IN DATE 7-10-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-10-07	
505	RE-BARREL		7-13-07	RTC
560	ASSEMBLE		7-16-07	TRW
600	PROOF	MAGNA-FLUX	7-16-07	TRW
605	CHECK HEADSPACE		7-16-07	TRW
610	DIS-ASSEMBLE GUN		7-16-07	RTC
612	MAGNAFLUX	OPERATOR	7/17/07	
510	DRILL AND TAP		7-16-07	TRW
615	ROLLMARK CALIBER		7-16-07	CW
618	ROTO-BLAST		7-17-07	LB
620	APPLY COATINGS		7-18-07	
625	FINAL ASSEMBLY		7-25-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	7-25-07	TRW
650	TARGET	(PASS) FAIL	7-25-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	7-25-07	
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	7-26-07	QA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.57 2.48 2.48 2.51 2.51	7/25/07	R.P.
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6.6 6.0 5.8	7/25/07	RP
	G) SAFETY OFF FORCE (2 LBS MIN)	4.0 3.8 3.8	7/25/07	RP
	I) FIRING PIN INDENT (.020)	.024 .023 .023	7/25/07	RP
690	PACK		7-26-07	QA

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498815

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6-29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	G.S.
617	Drill and Tap Sight Holes		7/13/90	CB
618	Polish Barrel RS		7/16/90	WS
620	Apply Coatings (Barrel Action)		7/23/90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-11-90	JC

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/9/90	JH
	G) Safety Off Force	3	3	3			8/9/90	JH
	H) Trigger Pull Test & Retainability						9-11-90	JH
	I) Firing Pin Indent	.023	.023	.023			8/9/90	JH
	J) Assemble Stock						8/10/90	RW
	K) Assemble Swivel Studs						9/12/90	RB
	L) Attach Front and Rear Sight Assemblies						8/10/90	RW
	M) Iron Sight Alignment						8/10/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/10/90	RW
	O) Attach Scope to Rifle						8/10/90	RW
	P) Detach & Attach Scope 20 Times						8/10/90	RW
640	Gallery Target & Test						8-11-90	DH
	A) Time						8-11-90	DH
	B) Malfunctions						8-11-90	DH
	C) Pierced Primers						8-11-90	DH
	D) Optical Clearity of Scope						8-11-90	DH
645	Inspect for Live Ammo						8-11-90	DH
655	Final Inspection A) Headspace						9/12/90	RB
	B) Trigger Pull	2.30	2.26	2.41	2.50	2.36	9-11-90	JH
	C) Function						9/12/90	RB
660	Pack						9/19/90	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498815

DATE 9-11-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.40	2.48	2.30	MIN. SETTING,
PULL #2	2.49	2.46	2.44	2.26	NO AVG. OF 5
PULL #3	2.47	2.44	2.42	2.41	READINGS ACCEPT-
PULL #4	2.50	2.41	2.41	2.50	ABLE LESS THAN 2#
PULL #5	2.50	2.48	2.37	2.36	
TOTAL	12.43	12.11	12.12	11.83	
AVG.	2.486	2.422	2.424	2.366	

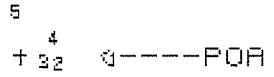
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.11		
PULL #2	3.20	3.30		
PULL #3	3.22	3.37		
PULL #4	3.18	3.34		
PULL #5	3.16	3.35		
TOTAL	16.03	16.47		
AVG.	3.206	3.294		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.37		4.25
PULL #2	4.33	4.39		4.32
PULL #3	4.37	4.28		4.28
PULL #4	4.28	4.24		4.33
PULL #5	4.29	4.29		4.26
TOTAL	21.57	21.57		21.44
AVG.	4.314	4.314		4.288

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522232
14 Aug 1990

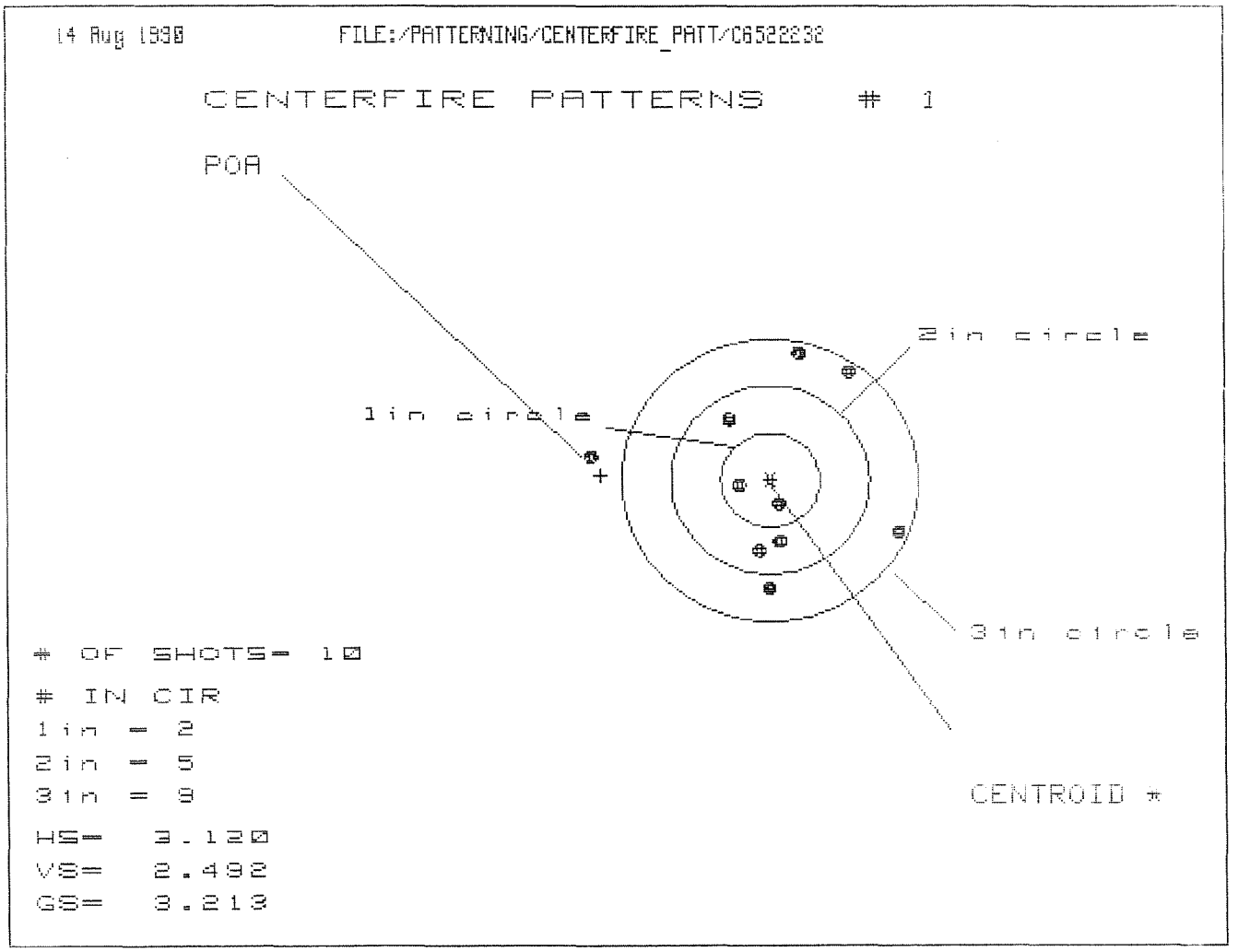
CENTROIDAL DISTANCES

Ø	TO	1	1.71282
1	TO	2	.986347
1	TO	3	1.27176
1	TO	4	1.16535
1	TO	5	2.00492

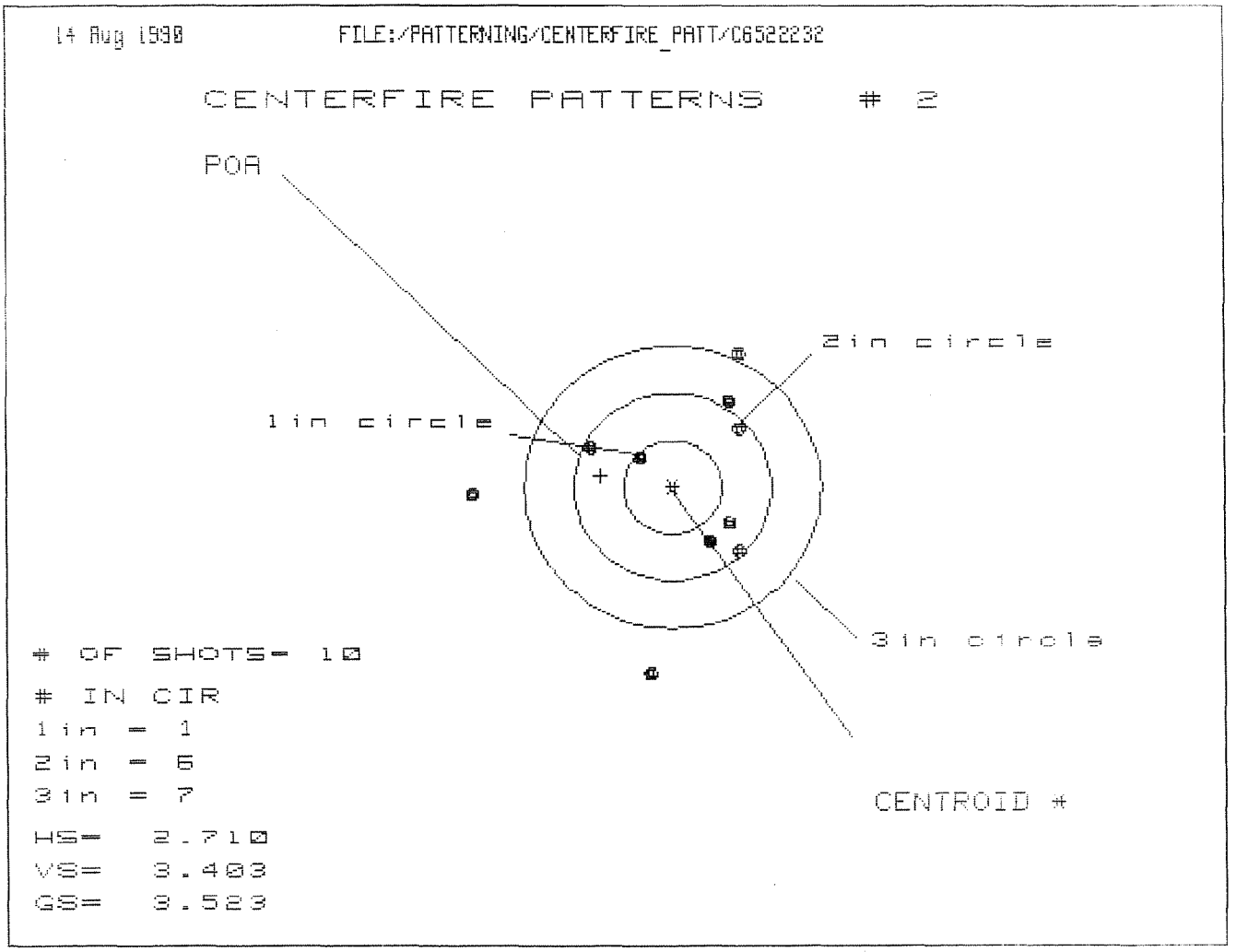


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6846
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .186
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .709417

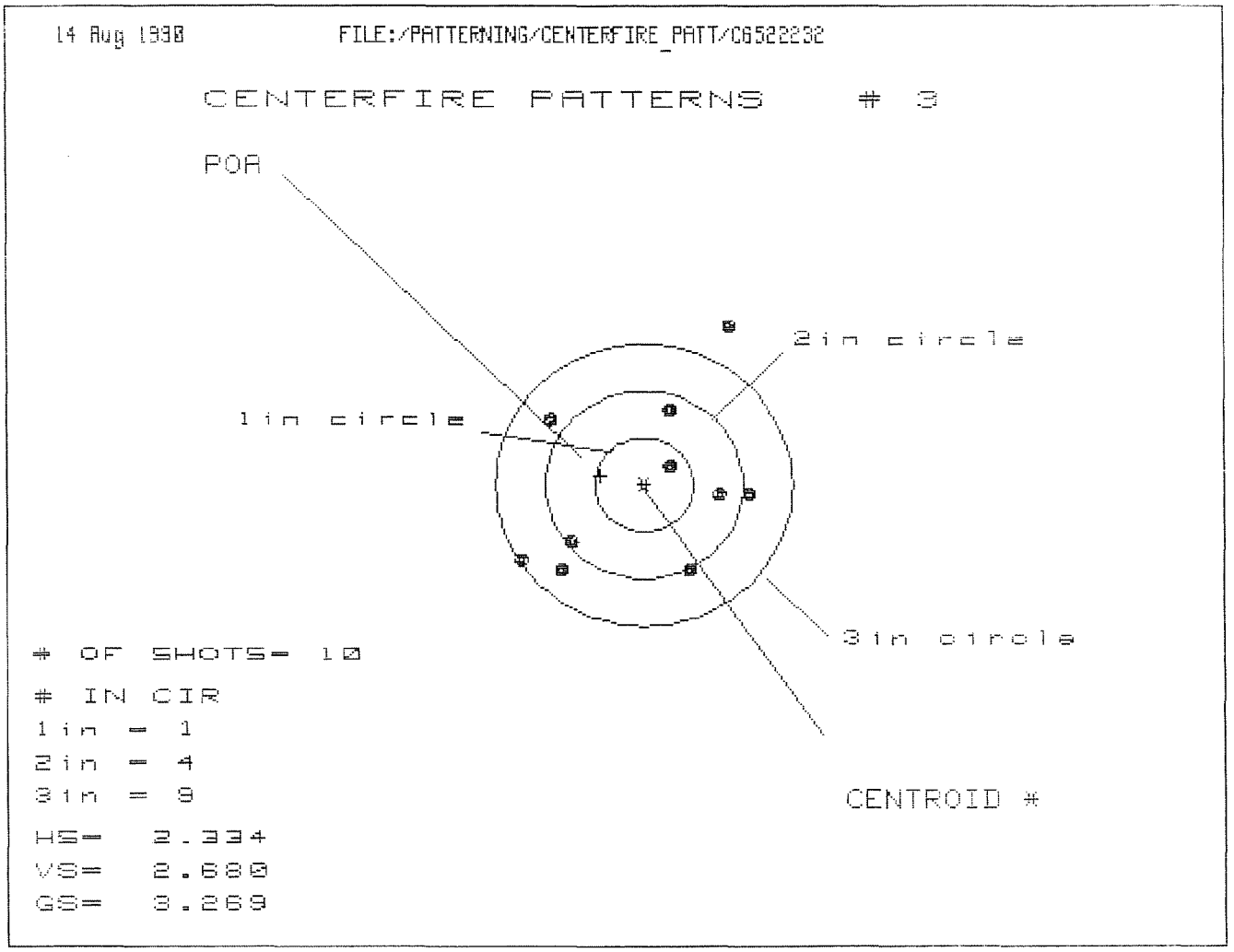
THE AMR FOR THIS RIFLE IS: 1.002



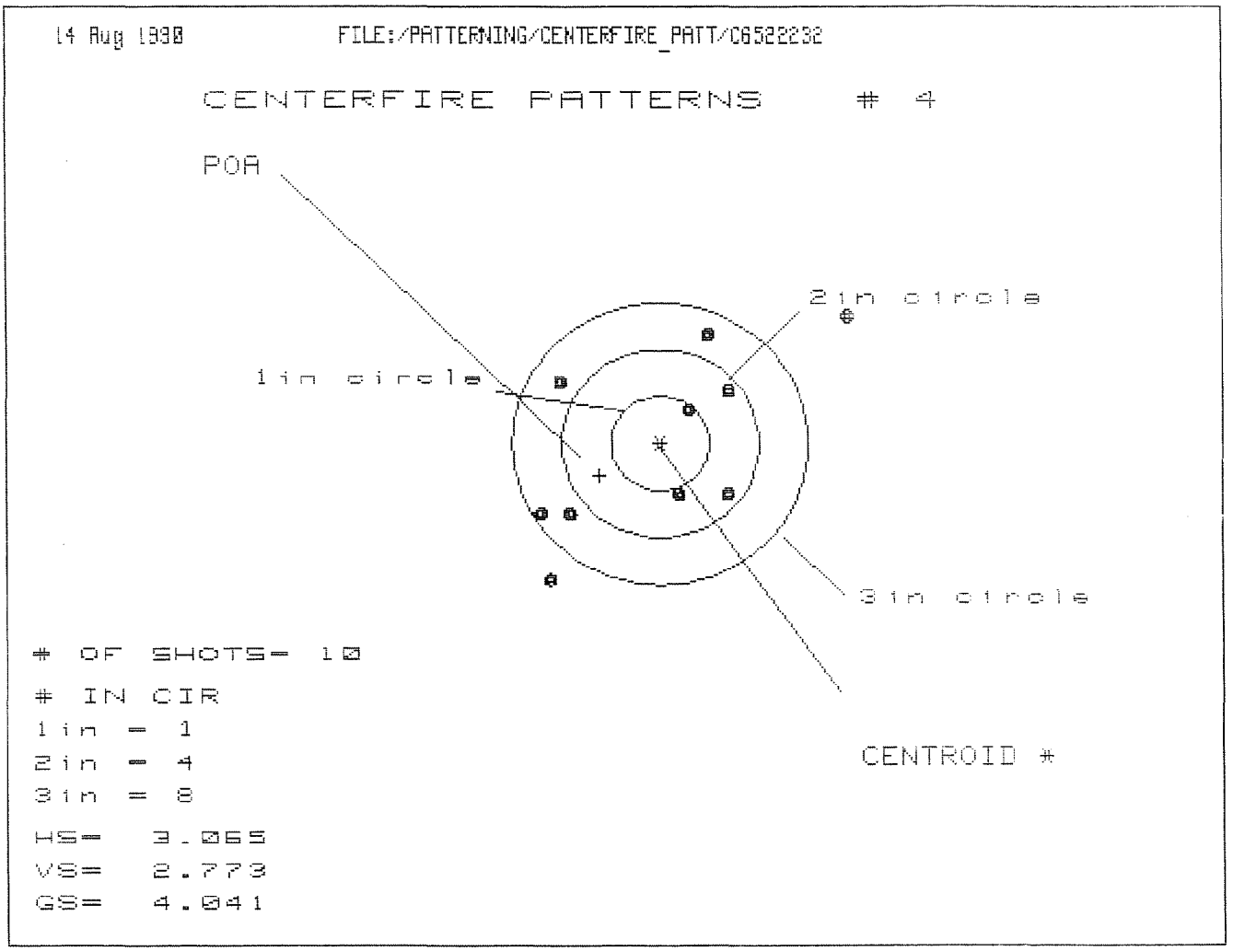
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.326	1.126	1.203
MINIMUM X	:	-1.794	-.580	-.503
MAXIMUM Y	:	1.344	1.373	1.524
MINIMUM Y	:	-1.148	-1.119	-.968
CENTROID X	:	1.712	1.912	1.835
CENTROID Y	:	-.053	-.082	-.233
POA TO CENTROID in.	:	1.713	1.913	1.850
MIN RADIUS	:	.276	.293	.126
MEAN RADIUS	:	.990	.906	.793
MAX RADIUS	:	1.813	1.376	1.533
HORIZONTAL SPREAD	:	3.120	1.706	1.706
VERTICAL SPREAD	:	2.492	2.492	2.492
EXTREME SPREAD	:	3.213	2.509	2.509
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



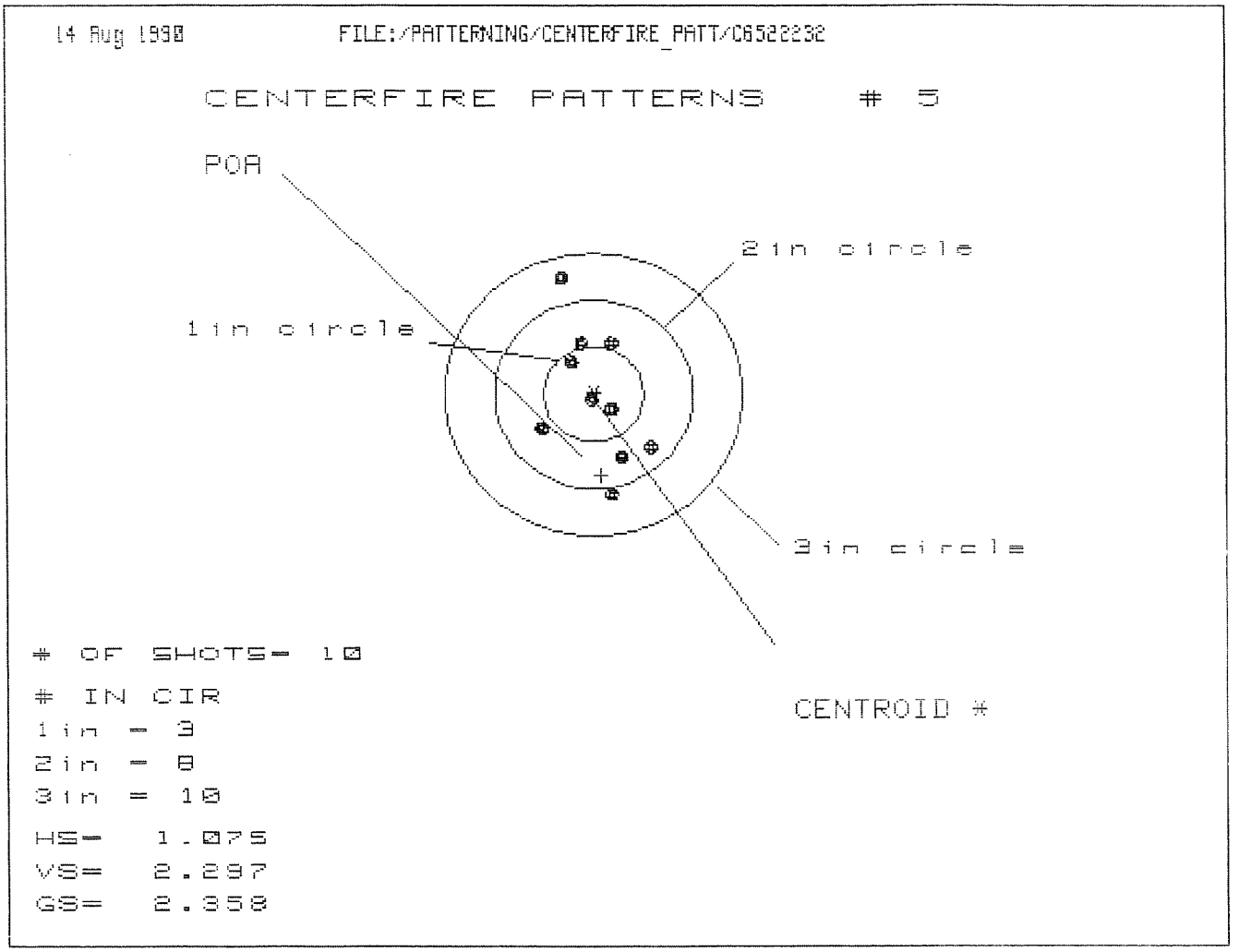
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.665	.438	.379
MINIMUM X	:	-2.045	-1.017	-1.076
MAXIMUM Y	:	1.450	1.442	1.197
MINIMUM Y	:	-1.953	-1.961	-.885
CENTROID X	:	.728	.955	1.014
CENTROID Y	:	-.121	-.113	.132
POA TO CENTROID in.	:	.738	.962	1.023
MIN RADIUS	:	.466	.523	.507
MEAN RADIUS	:	1.114	.978	.830
MAX RADIUS	:	2.046	2.017	1.255
HORIZONTAL SPREAD	:	2.710	1.455	1.455
VERTICAL SPREAD	:	3.403	3.403	2.082
EXTREME SPREAD	:	3.523	3.523	2.082
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	1.174	1.029
MINIMUM X	:	-1.255	-1.160	-.960
MAXIMUM Y	:	1.735	.968	.896
MINIMUM Y	:	-.945	-.752	-.824
CENTROID X	:	.441	.346	.491
CENTROID Y	:	-.097	-.290	-.218
POA TO CENTROID in.	:	.452	.452	.538
MIN RADIUS	:	.357	.559	.413
MEAN RADIUS	:	1.085	.989	.925
MAX RADIUS	:	1.934	1.293	1.262
HORIZONTAL SPREAD	:	2.334	2.334	1.988
VERTICAL SPREAD	:	2.680	1.720	1.720
EXTREME SPREAD	:	3.269	2.426	2.158
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.847	.936	.825
MINIMUM X	:	-1.218	-1.013	-1.124
MAXIMUM Y	:	1.315	1.272	1.108
MINIMUM Y	:	-1.458	-1.312	-.774
CENTROID X	:	.616	.411	.522
CENTROID Y	:	.343	.197	.361
POA TO CENTROID in.	:	.705	.456	.634
MIN RADIUS	:	.484	.582	.539
MEAN RADIUS	:	1.195	1.076	.992
MAX RADIUS	:	2.267	1.584	1.365
HORIZONTAL SPREAD	:	3.065	1.949	1.949
VERTICAL SPREAD	:	2.773	2.584	1.882
EXTREME SPREAD	:	4.041	3.006	2.510
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.552	.512	.529
MINIMUM X	:	-.523	-.563	-.546
MAXIMUM Y	:	1.279	.704	.594
MINIMUM Y	:	-1.018	-.876	-.581
CENTROID X	:	-.074	-.034	-.051
CENTROID Y	:	.858	.716	.826
POA TO CENTROID in.	:	.862	.717	.828
MIN RADIUS	:	.075	.088	.056
MEAN RADIUS	:	.628	.536	.486
MAX RADIUS	:	1.328	.886	.713
HORIZONTAL SPREAD	:	1.075	1.075	1.075
VERTICAL SPREAD	:	2.297	1.580	1.175
EXTREME SPREAD	:	2.358	1.616	1.291
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	