C6523487

MODEL 700™ M24

Model SWS™

Action

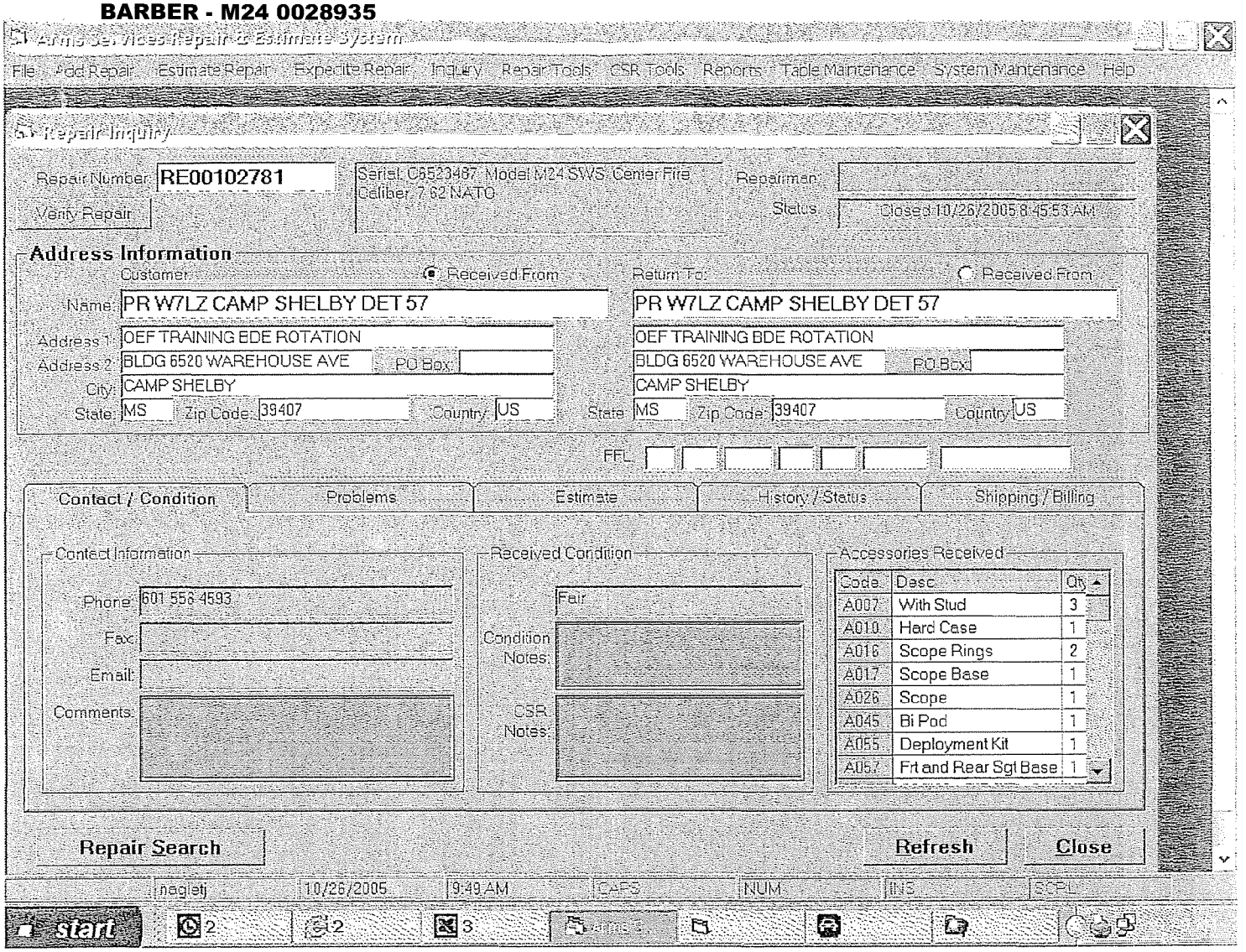
Barrel Length

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: RE00102781
Verify Repair
Serial: C6523487 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 10/26/2005 8:45:53 AM
Address Information
Customer
Received From
Name: PR W7LZ CAMP SHELBY DET 57
Address 1: OEF TRAINING BDE ROTATION
Address 2: BLDG 6520 WAREHOUSE AVE
PO Box:
City: CAMP SHELBY
State: MS Zip Code: 39407 Country: US
Return To:
Received From
PR W7LZ CAMP SHELBY DET 57
OEF TRAINING BDE ROTATION
BLDG 6520 WAREHOUSE AVE
PO Box:
CAMP SHELBY
State: MS Zip Code: 39407 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: 601 558 4593
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard Case 1
A016 Scope Rings 2
A017 Scope Base 1
A026 Scope 1
A045 Bi Pod 1
A055 Deployment Kit 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagletj
10/26/2005
9:49 AM
CAPS
NUM
INS
SCRL
start


Serial Number: C6523487
Model: M24 SWS
RE00102781

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)

SERIAL NO. _____

DATE 11-4-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.43		2.61	
PULL #2	2.52	2.58		2.56	
PULL #3	2.52	2.57		2.59	
PULL #4	2.53	2.47		2.54	
PULL #5	2.58	2.58		2.58	
TOTAL	12.74	12.63		12.88	
AVERAGE	2.54	2.52		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.06		
PULL #2	2.92	3.09		
PULL #3	3.01	3.05		
PULL #4	3.05	3.01		
PULL #5	3.01	3.08		
TOTAL	15.03	15.29		
AVERAGE	3.00	3.05		

	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	4.05	4.17		3.98
PULL #2	4.02	4.10		4.02
PULL #3	4.14	4.06		4.00
PULL #4	4.18	4.07		4.02
PULL #5	4.13	4.07		4.04
TOTAL	20.52	20.47		20.06
AVERAGE	4.10	4.09		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523487.__1
FILE DATE AND TIME: 12/01/2005 14:51

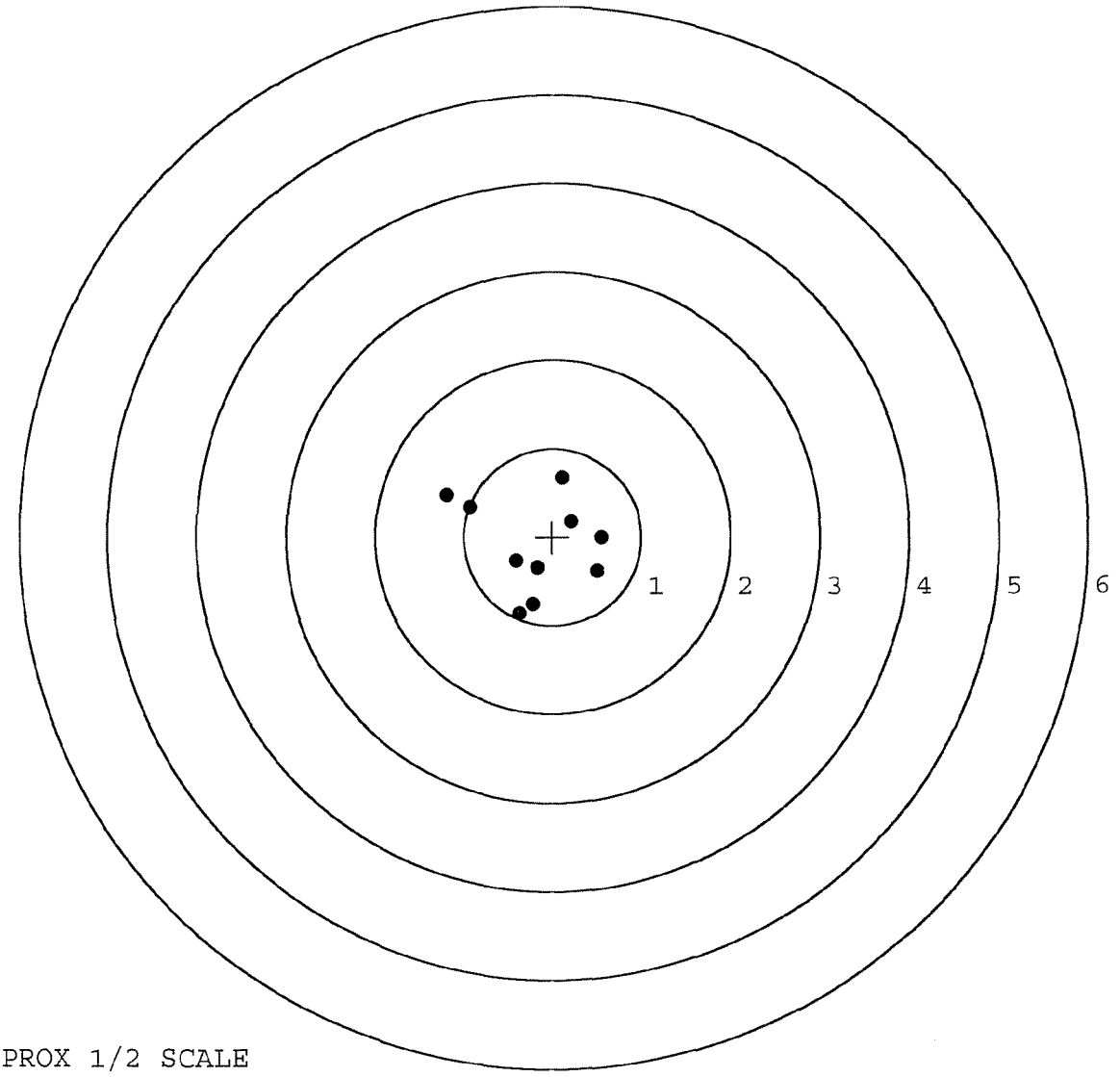
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.137
The Average Y Centroid of the Five Target Set:	0.133
The Average Point of Impact of the Five Target Set:	0.191
The Average Mean Radius of the Five Target Set:	0.838
The Distance from POA to Centroid Target #1:	0.215
The Distance from Centroid Target #2 to Centroid Target #1:	0.417
The Distance from Centroid Target #3 to Centroid Target #1:	0.577
The Distance from Centroid Target #4 to Centroid Target #1:	0.798
The Distance from Centroid Target #5 to Centroid Target #1:	0.251

SERIAL NUMBER: C6523487.__1
TARGET NUMBER: 1
FILE DATE: 12/01/2005
FILE TIME: 14:51

X CENTROID:	-0.191
Y CENTROID:	-0.098
POA TO CENTROID:	0.215
HORZ SPREAD:	1.755
VERT SPREAD:	1.537
GROUP SPREAD:	1.911
MIN RADIUS:	0.256
MAX RADIUS:	1.162
MEAN RADIUS:	0.683
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.508	-0.380
2:	0.556	-0.006
3:	0.214	0.175
4:	0.112	0.668
5:	-0.167	-0.353
6:	-0.221	-0.764
7:	-0.376	-0.869
8:	-0.934	0.335
9:	-1.199	0.480
10:	-0.407	-0.267

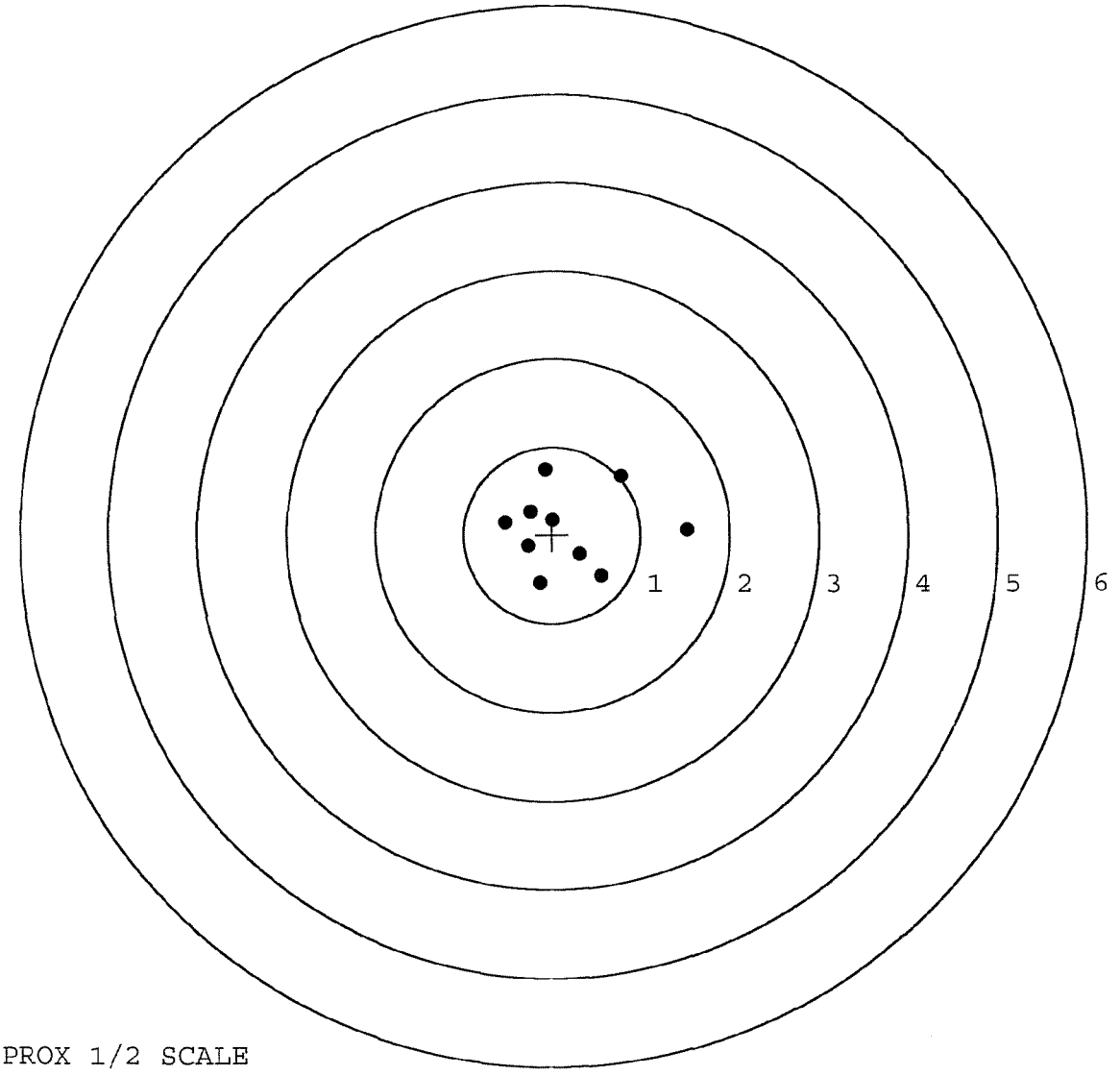


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523487.__1
TARGET NUMBER: 2
FILE DATE: 12/01/2005
FILE TIME: 14:51

X CENTROID:	0.191
Y CENTROID:	0.068
POA TO CENTROID:	0.203
HORZ SPREAD:	2.050
VERT SPREAD:	1.294
GROUP SPREAD:	2.052
MIN RADIUS:	0.209
MAX RADIUS:	1.331
MEAN RADIUS:	0.647
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.522	0.057
2:	0.777	0.669
3:	0.554	-0.464
4:	0.316	-0.221
5:	-0.085	0.742
6:	0.008	0.168
7:	-0.251	0.261
8:	-0.528	0.144
9:	-0.268	-0.127
10:	-0.134	-0.552

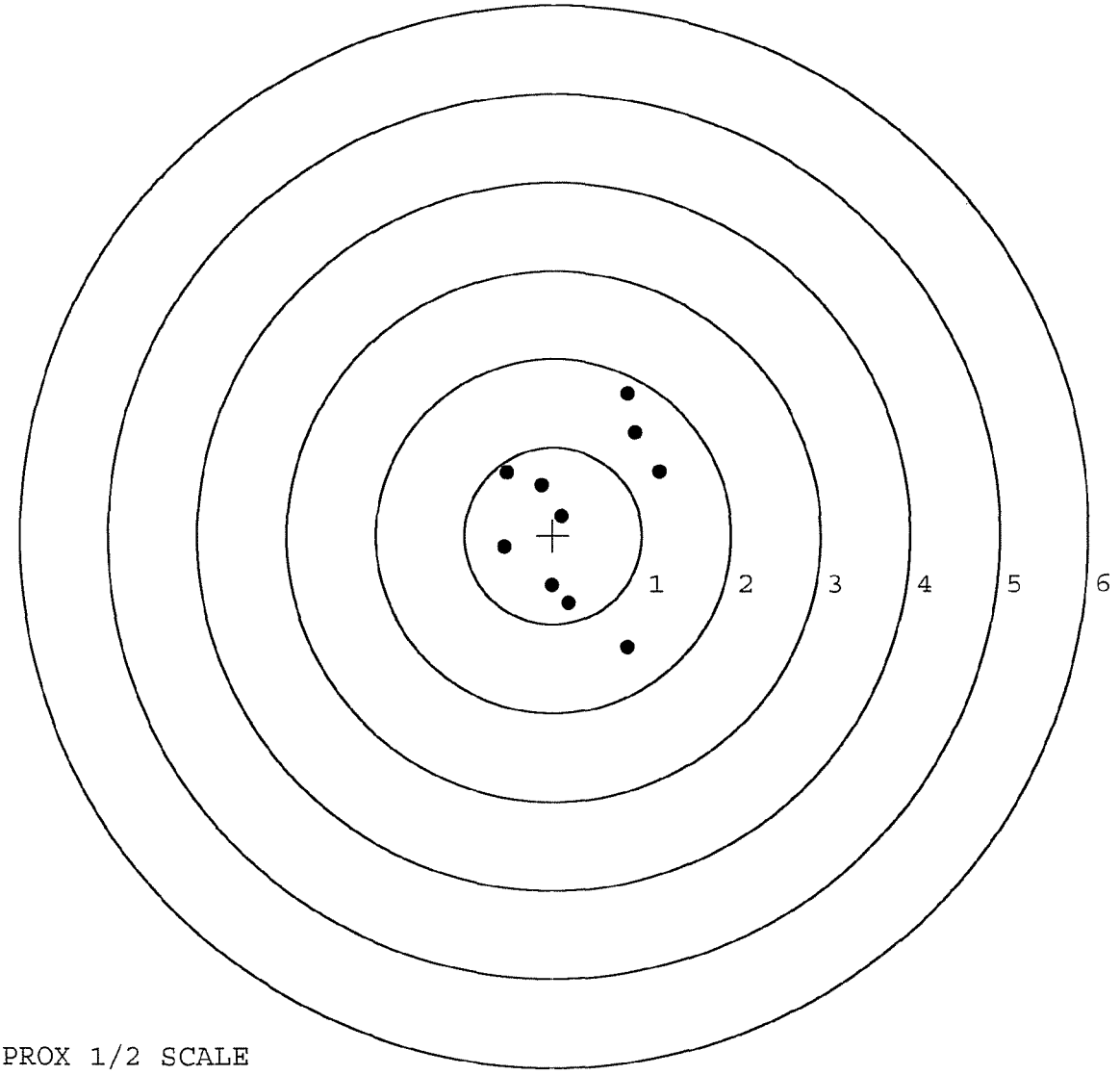


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523487.__1
TARGET NUMBER: 3
FILE DATE: 12/01/2005
FILE TIME: 14:51

X CENTROID:	0.286
Y CENTROID:	0.226
POA TO CENTROID:	0.364
HORZ SPREAD:	1.745
VERT SPREAD:	2.866
GROUP SPREAD:	2.866
MIN RADIUS:	0.183
MAX RADIUS:	1.590
MEAN RADIUS:	0.968
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.844	-1.263
2:	0.179	-0.773
3:	-0.019	-0.569
4:	0.103	0.219
5:	-0.134	0.567
6:	-0.548	-0.130
7:	-0.524	0.717
8:	1.197	0.721
9:	0.923	1.164
10:	0.836	1.603

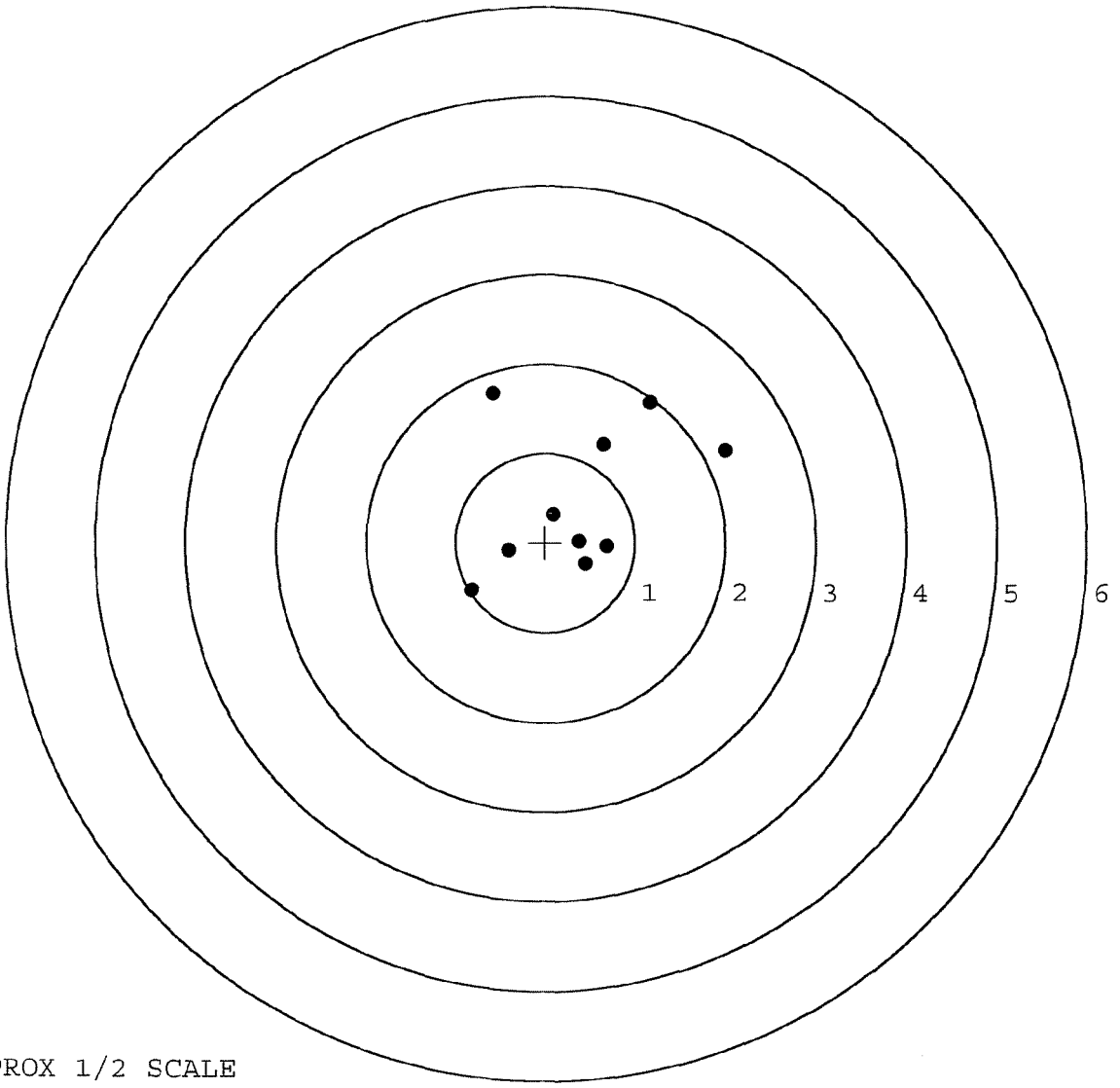


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523487.__1
TARGET NUMBER: 4
FILE DATE: 12/01/2005
FILE TIME: 14:51

X CENTROID:	0.359
Y CENTROID:	0.481
POA TO CENTROID:	0.600
HORZ SPREAD:	2.807
VERT SPREAD:	2.209
GROUP SPREAD:	3.218
MIN RADIUS:	0.315
MAX RADIUS:	1.726
MEAN RADIUS:	0.992
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.992	1.038
2:	1.163	1.571
3:	0.643	1.099
4:	-0.598	1.673
5:	0.091	0.315
6:	-0.407	-0.092
7:	-0.815	-0.536
8:	0.382	0.016
9:	0.447	-0.236
10:	0.688	-0.043

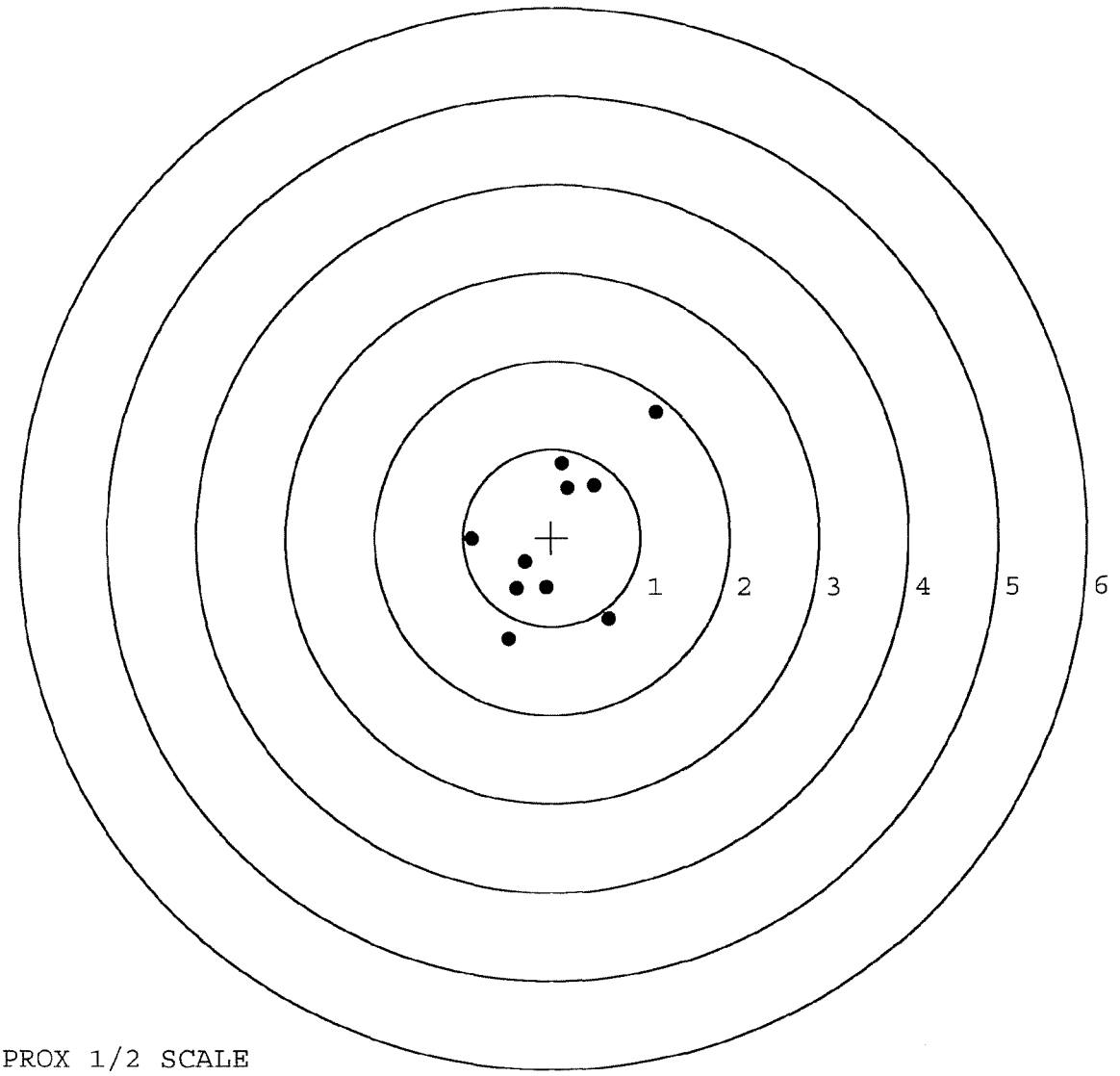


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523487.__1
TARGET NUMBER: 5
FILE DATE: 12/01/2005
FILE TIME: 14:51

X CENTROID:	0.043
Y CENTROID:	-0.009
POA TO CENTROID:	0.044
HORZ SPREAD:	2.070
VERT SPREAD:	2.558
GROUP SPREAD:	3.045
MIN RADIUS:	0.437
MAX RADIUS:	1.815
MEAN RADIUS:	0.899
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.643	-0.916
2:	-0.484	-1.142
3:	-0.064	-0.561
4:	-0.396	-0.579
5:	-0.302	-0.277
6:	-0.902	-0.017
7:	0.478	0.591
8:	0.174	0.559
9:	0.115	0.837
10:	1.168	1.416



TARGET APPROX 1/2 SCALE

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

		Camp Shelby		
R & E NUMBER	10 20781			
SERIAL NUMBER	C 6523487			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-4-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA-FLUX INSPECTED	11-15-05	CD
605	CHECK HEADSPACE	NOV 18 2005	11-15-05	CD
610	DIS-ASSEMBLE GUN		11-15-05	CD
612	MAGNAFLUX	OPERATOR [illegible]	11/17/05	[illegible]
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	CB
620	APPLY COATINGS		11/22/05	[illegible]
625	FINAL ASSEMBLY		11-23-05	AC
640	FUNCTION TEST AND	PASS FAIL	11-29-05	TRW
650	TARGET	PASS FAIL	11-29-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-29-05	TRW
670	FINAL INSPECTION		12-1-05	AC
	A) HEADSPACE	PASS FAIL	12-1-05	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.32 2.45 2.01 2.29 2.35		AC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	6 lbs 6 lbs 6 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.025 .025 .025		AC
690	PACK		12-2-05	DA

CAR - TLC

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523487

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCK
	Magnaflux Bolt		8/21/90	KCK
615	Rollmark Caliber		8/21/90	GS
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-30-90	TH
	Apply Coating (Bolt)		8-30-90	TH
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		9/13/90	WB

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 1/2 | 5 1/2 | 5 1/2	9/13/90	WB
	G) Safety Off Force	7 1/2 | 7 1/2 | 7 1/2	9/13/90	WB
	H) Trigger Pull Test & Retainability		9/13/90	WB
	I) Firing Pin Indent	.073 | .073 | .073	9/13/90	WB
	J) Assemble Stock		9/13/90	KA
	K) Assemble Swivel Studs		9/15/90	DH
	L) Attach Front and Rear Sight Assemblies		9/13/90	KA
	M) Iron Sight Alignment		9/13/90	KA
	N) Detach Front & Rear Sights & place in numbered container		9/13/90	KA
	O) Attach Scope to Rifle		9/13/90	KA
	P) Detach & Attach Scope 20 Times		9/13/90	KA
640	Gallery Target & Test		9-14-90	DH
	A) Time		9-14-90	DH
	B) Malfunctions		9-14-90	DH
	C) Pierced Primers		9-14-90	DH
	D) Optical Clearity of Scope		9-14-90	DH
645	Inspect for Live Ammo		9-14-90	DH
655	Final Inspection A) Headspace		9/15/90	DH
	B) Trigger Pull	2.29 | 2.28 | 2.38 | 2.44 | 2.47	9-15-90	DH
	C) Function		9/15/90	DH
660	Pack		9/19/90	MF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523487
DATE 9/13/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.33	2.45	2.29	MIN. SETTING,
PULL #2	2.46	2.33	2.56	2.28	NO AVG. OF 5
PULL #3	2.51	2.38	2.60	2.38	READINGS ACCEPT-
PULL #4	2.35	2.47	2.55	2.44	ABLE LESS THAN 2#
PULL #5	2.38	2.46	2.57	2.47	
TOTAL	12.13	11.97	12.73	11.86	
AVG.	2.42	2.40	2.54	2.372	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.17		
PULL #2	3.19	3.22		
PULL #3	3.16	3.14		
PULL #4	3.18	3.13		
PULL #5	3.11	3.04		
TOTAL	15.67	15.70		
AVG.	3.13	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.22		4.09
PULL #2	4.17	4.25		4.06
PULL #3	4.13	4.34		4.16
PULL #4	4.18	4.30		4.09
PULL #5	4.20	4.34		4.17
TOTAL	20.89	21.45		20.57
AVG.	4.18	4.29		4.11

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523487
14 Sep 1990

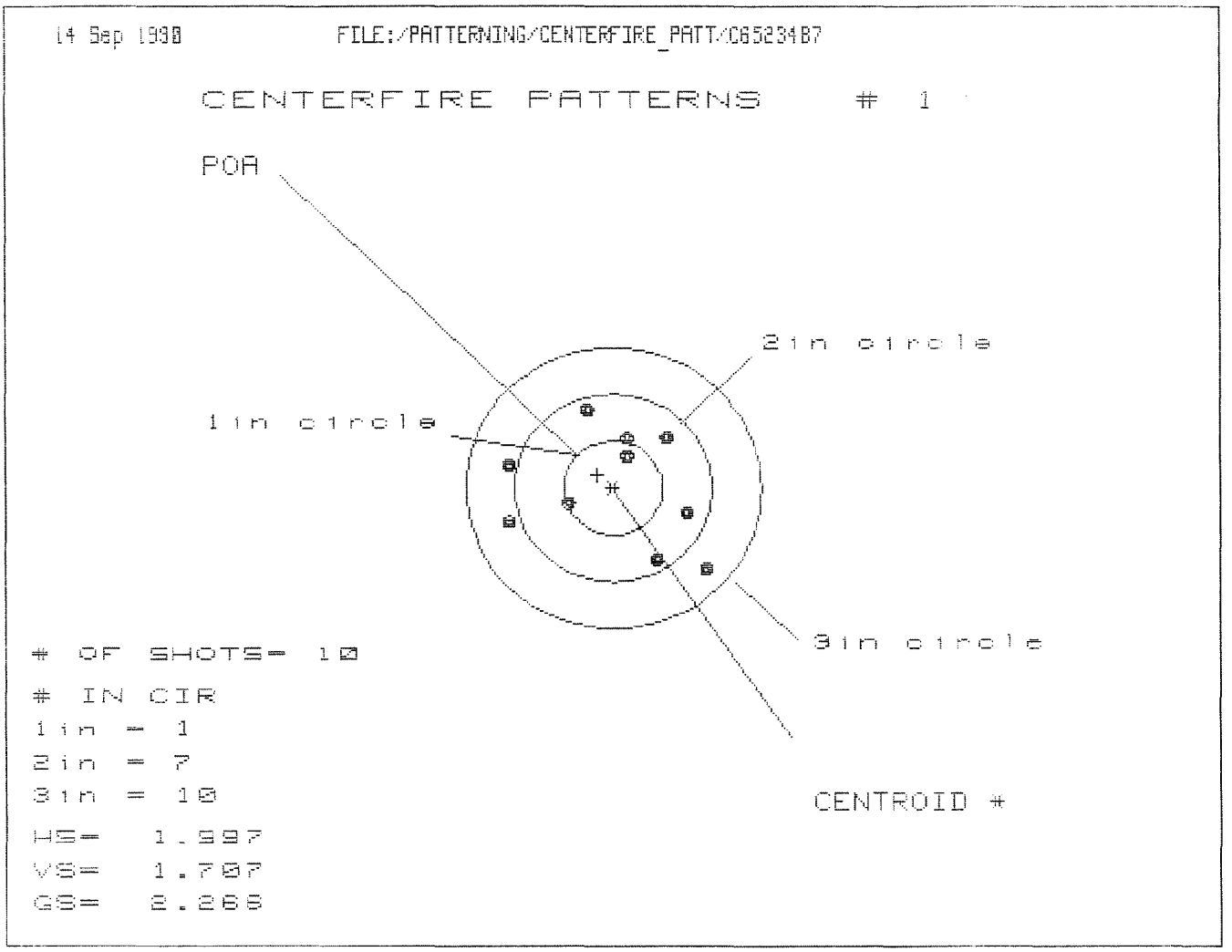
CENTROIDAL DISTANCES

0 TO 1 .21064
1 TO 2 .276586
1 TO 3 .0295296
1 TO 4 .326216
1 TO 5 .26

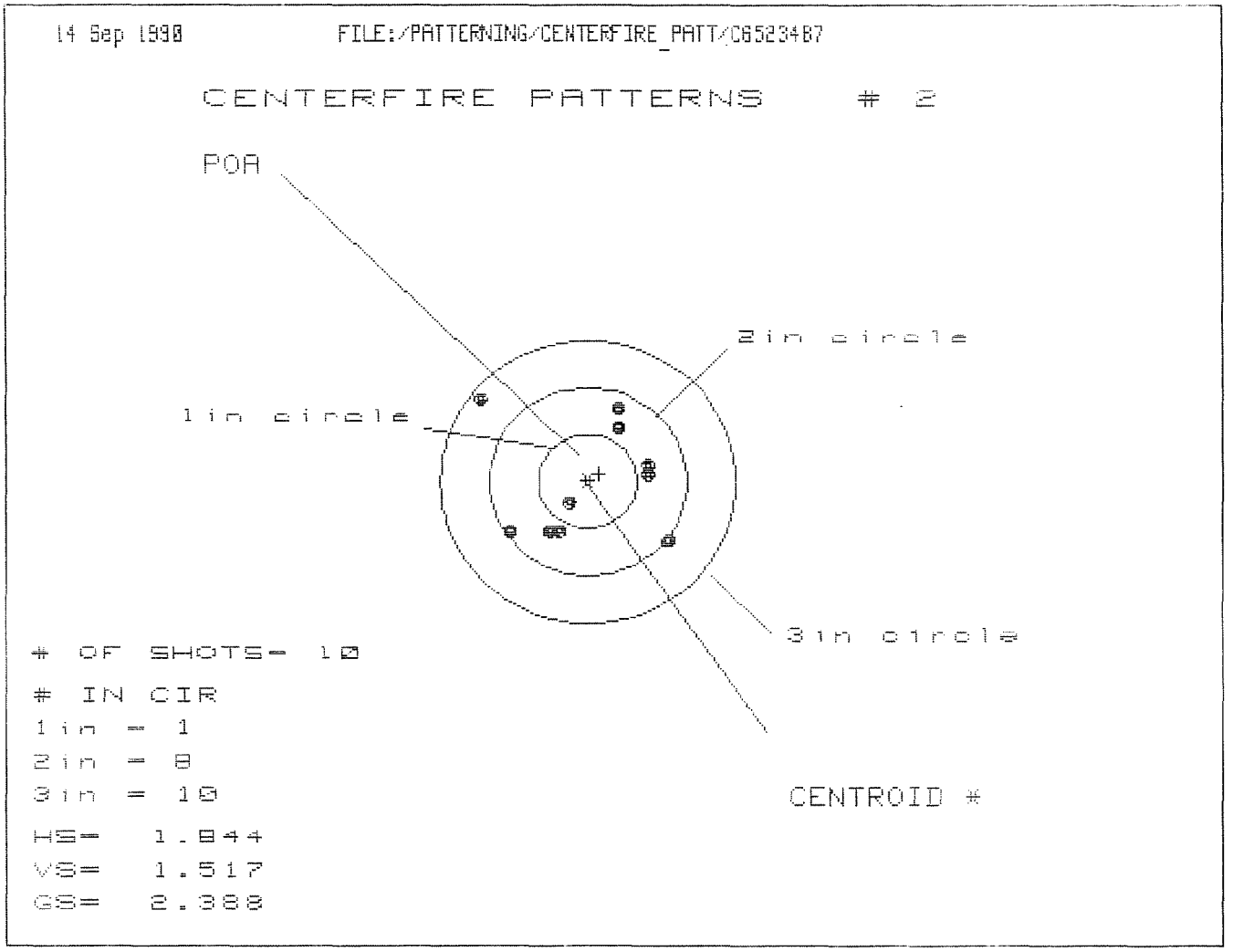
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .087
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.015
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0882836

THE AMR FOR THIS RIFLE IS: .8636



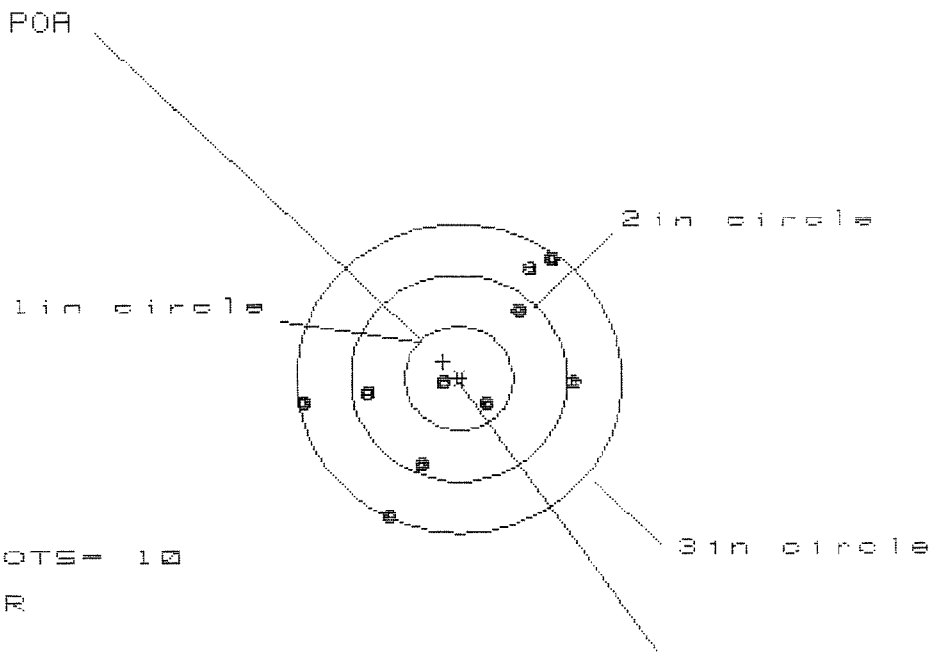
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.914	.828	.705
MINIMUM X	:	-1.083	-.981	-1.073
MAXIMUM Y	:	.796	.695	.641
MINIMUM Y	:	-.911	-.836	-.890
CENTROID X	:	.160	.058	.181
CENTROID Y	:	-.137	-.036	.018
POA TO CENTROID in.	:	.210	.068	.182
MIN RADIUS	:	.407	.380	.260
MEAN RADIUS	:	.821	.754	.687
MAX RADIUS	:	1.291	1.073	1.074
HORIZONTAL SPREAD	:	1.997	1.809	1.778
VERTICAL SPREAD	:	1.707	1.531	1.531
EXTREME SPREAD	:	2.266	1.836	1.836
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.802	.686	.626
MINIMUM X	:	-1.042	-.936	-.850
MAXIMUM Y	:	.888	.910	.843
MINIMUM Y	:	-.629	-.530	-.526
CENTROID X	:	-.110	.006	-.080
CENTROID Y	:	-.077	-.176	-.109
POA TO CENTROID in.	:	.134	.176	.136
MIN RADIUS	:	.243	.283	.241
MEAN RADIUS	:	.771	.690	.662
MAX RADIUS	:	1.369	1.042	.999
HORIZONTAL SPREAD	:	1.844	1.622	1.476
VERTICAL SPREAD	:	1.517	1.440	1.369
EXTREME SPREAD	:	2.388	1.794	1.794
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

14 Sep 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523487

CENTERFIRE PATTERNS # 3

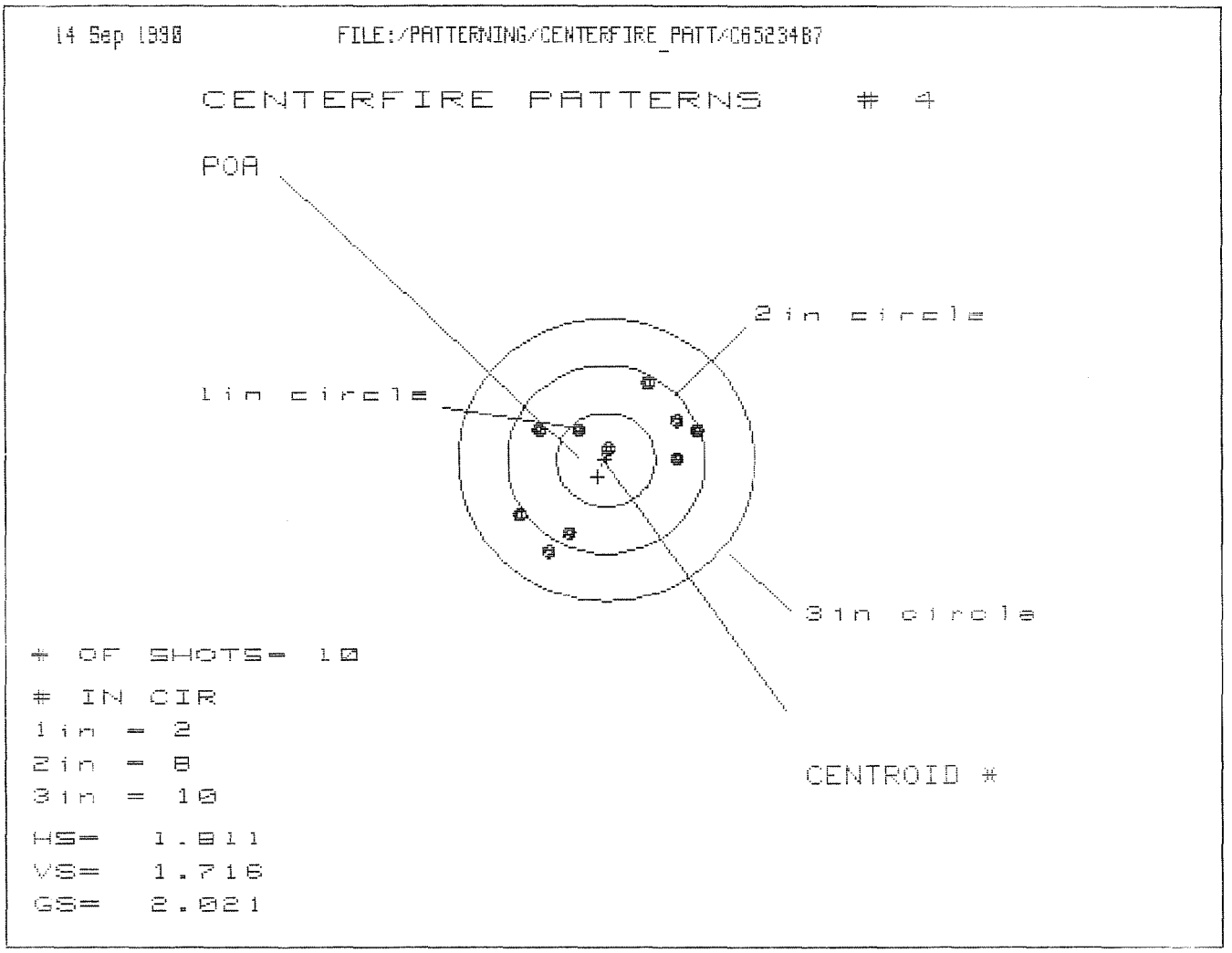


OF SHOTS= 10

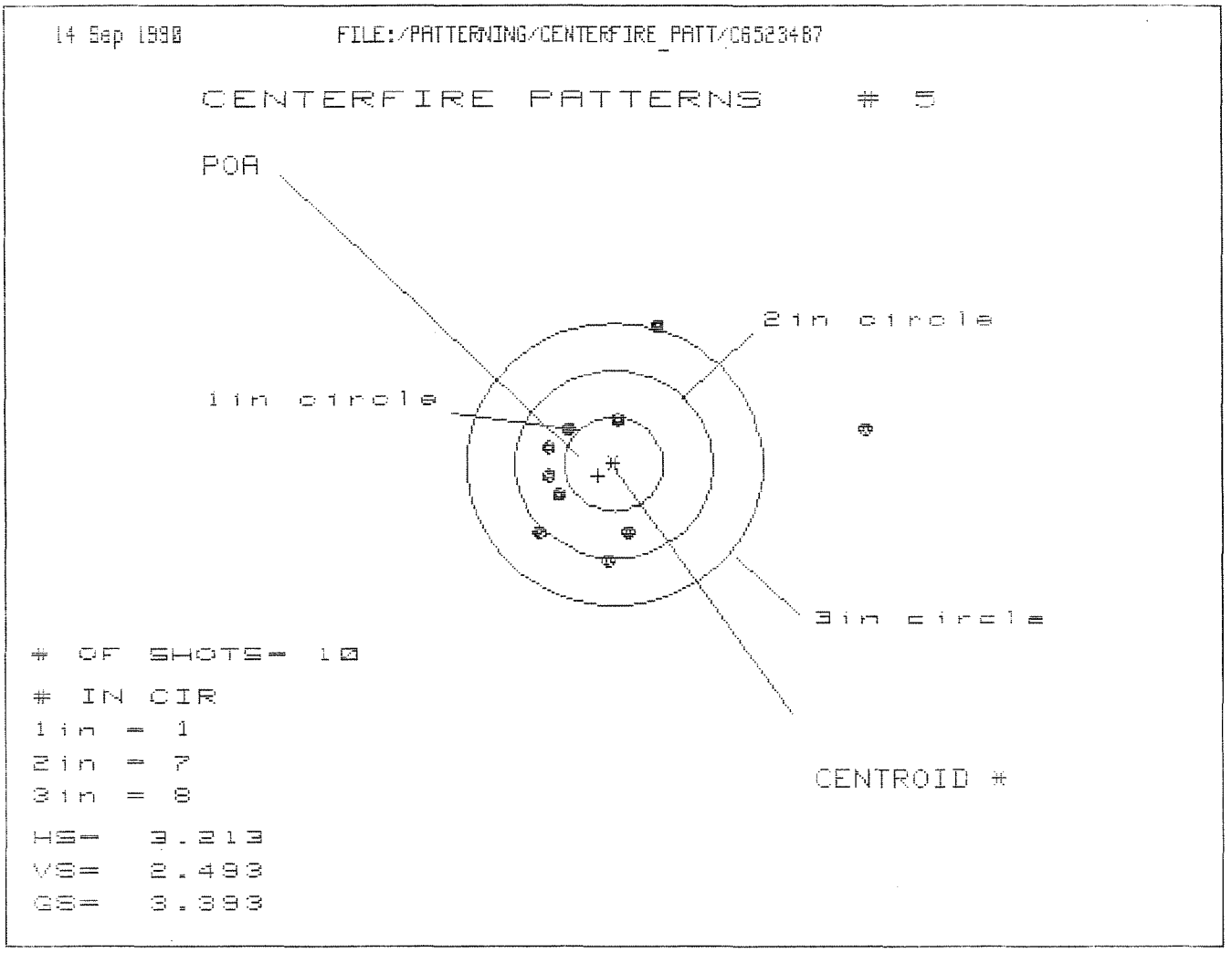
# IN CIR
1in = 2
2in = 5
3in = 10

HS= 2.438
VS= 2.499
GS= 2.914

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.018	.944	1.039
MINIMUM X	:	-1.420	-1.494	-1.399
MAXIMUM Y	:	1.196	1.051	.999
MINIMUM Y	:	-1.303	-.983	-.852
CENTROID X	:	.146	.220	.125
CENTROID Y	:	-.163	-.018	-.149
POA TO CENTROID in.	:	.219	.221	.195
MIN RADIUS	:	.129	.281	.120
MEAN RADIUS	:	.968	.920	.847
MAX RADIUS	:	1.462	1.543	1.422
HORIZONTAL SPREAD	:	2.438	2.438	2.438
VERTICAL SPREAD	:	2.499	2.034	1.851
EXTREME SPREAD	:	2.914	2.675	2.443
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.916	.847	.726
MINIMUM X	:	-.895	-.964	-.834
MAXIMUM Y	:	.775	.671	.583
MINIMUM Y	:	-.941	-.842	-.930
CENTROID X	:	.079	.148	.269
CENTROID Y	:	.179	.283	.371
POA TO CENTROID in.	:	.196	.320	.458
MIN RADIUS	:	.090	.042	.191
MEAN RADIUS	:	.758	.695	.625
MAX RADIUS	:	1.127	1.192	1.085
HORIZONTAL SPREAD	:	1.811	1.811	1.560
VERTICAL SPREAD	:	1.716	1.513	1.513
EXTREME SPREAD	:	2.021	2.021	1.719
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.498	.763	.549
MINIMUM X	:	-.716	-.438	-.343
MAXIMUM Y	:	1.504	1.541	.666
MINIMUM Y	:	-.989	-.952	-.759
CENTROID X	:	.160	-.117	-.212
CENTROID Y	:	.123	.086	-.107
POA TO CENTROID in.	:	.202	.145	.238
MIN RADIUS	:	.438	.359	.261
MEAN RADIUS	:	1.000	.746	.589
MAX RADIUS	:	2.519	1.720	.816
HORIZONTAL SPREAD	:	3.213	1.201	.892
VERTICAL SPREAD	:	2.493	2.493	1.425
EXTREME SPREAD	:	3.393	2.561	1.459
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington®

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

MODEL 700™ M24

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