C6348965

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400042781

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

DUPONT **RECORDS CONTROL SCHEDULE**

RECORDS CATEGORY OR TITLE:
119 - ILION PLANT MONTHLY STATUS REPORT

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

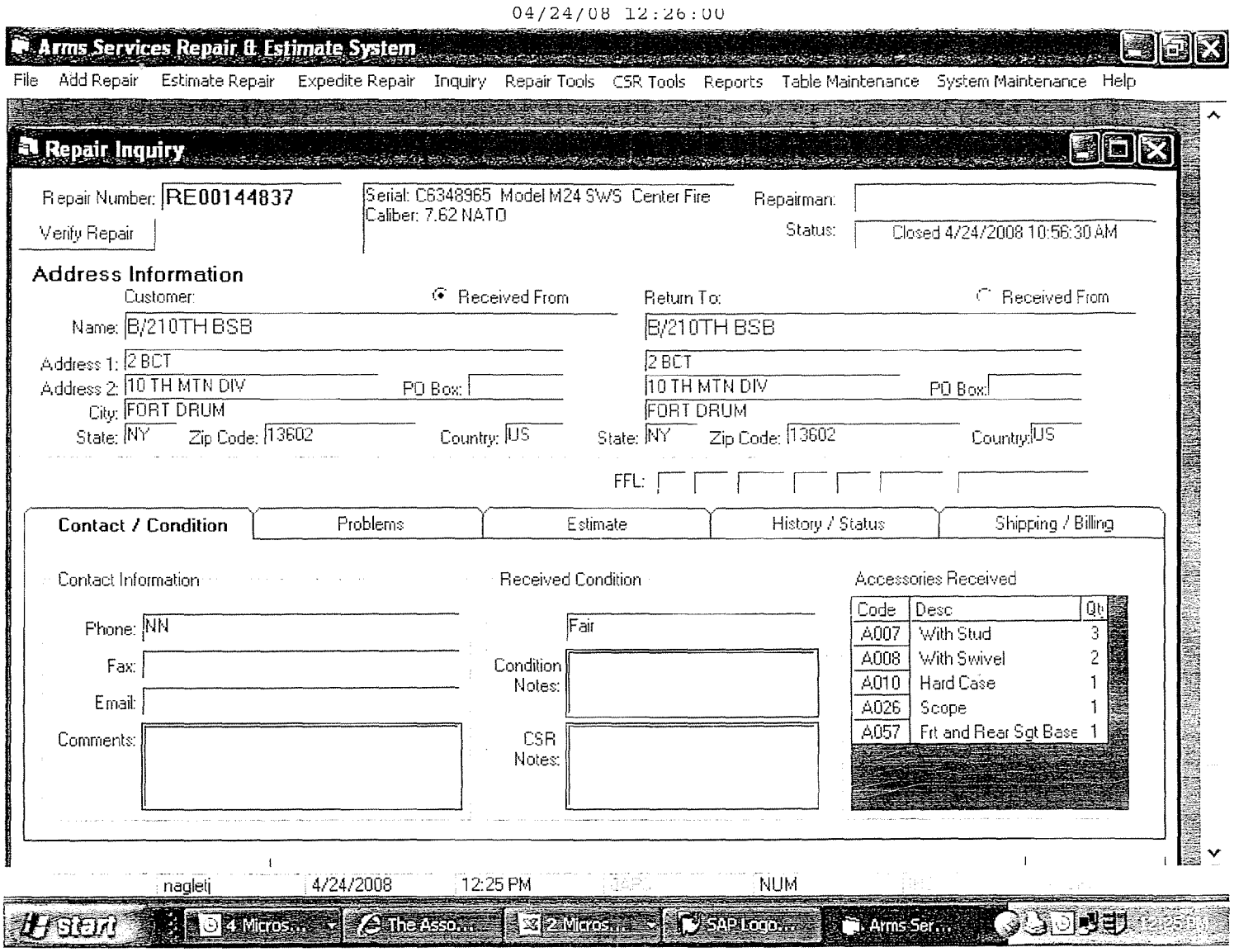
TOTAL RETENTION: MAX. 2 YEARS

GS-11050 Rev. 8/78

M2400042782

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

REPORT [redacted]



Serial Number: C6348965

Model: M24 SWS

RE00144837

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348965.__0
FILE DATE AND TIME: 05/22/2008 05:40

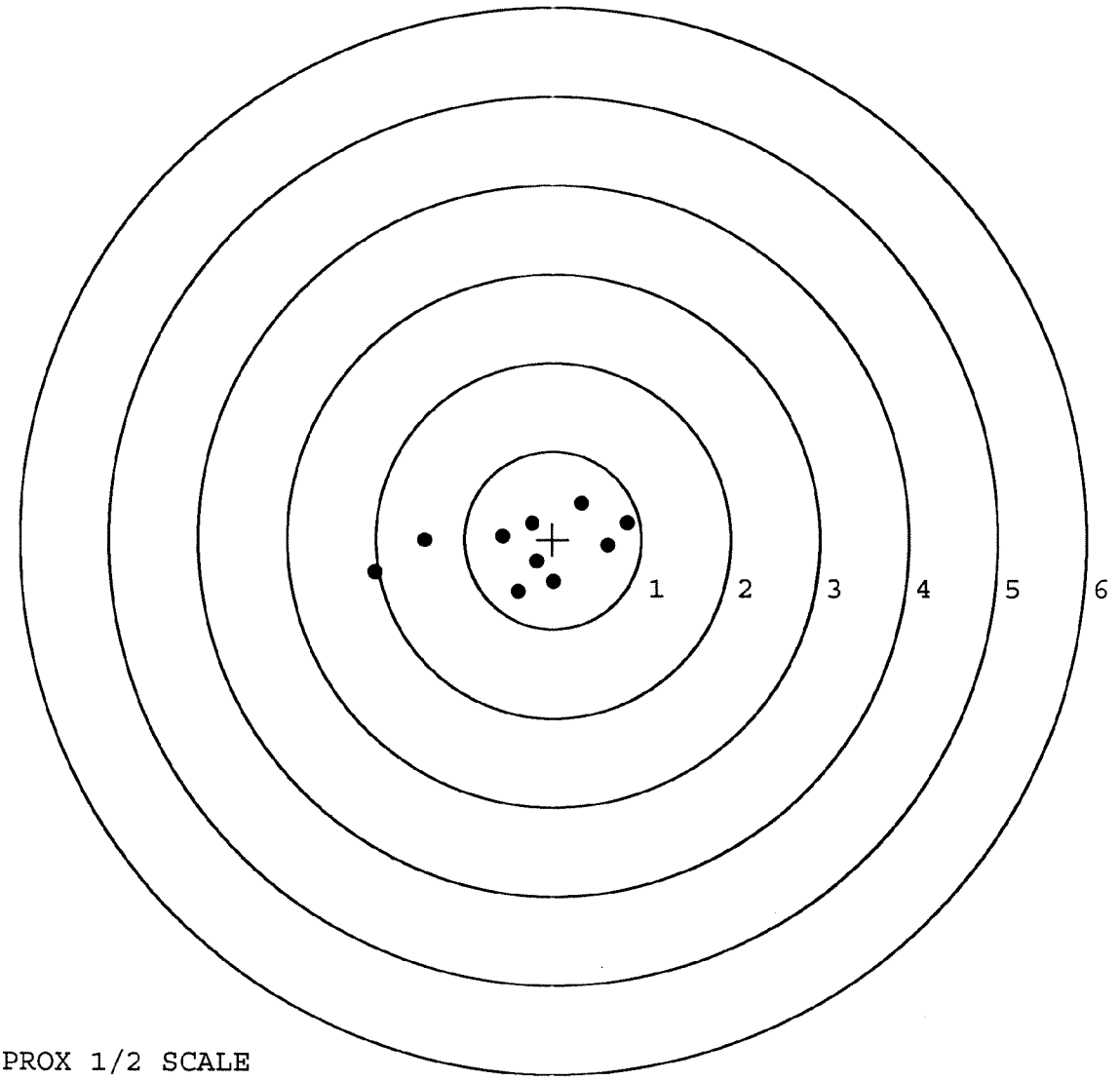
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.045
The Average Y Centroid of the Five Target Set:	-0.093
The Average Point of Impact of the Five Target Set:	0.103
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.319
The Distance from Centroid Target #2 to Centroid Target #1:	0.268
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.505
The Distance from Centroid Target #5 to Centroid Target #1:	0.301

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 1
FILE DATE: 05/22/2008
FILE TIME: 05:40

X CENTROID:	-0.304
Y CENTROID:	-0.095
POA TO CENTROID:	0.319
HORZ SPREAD:	2.853
VERT SPREAD:	1.000
GROUP SPREAD:	2.909
MIN RADIUS:	0.197
MAX RADIUS:	1.728
MEAN RADIUS:	0.758
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.844	0.191
2:	0.623	-0.069
3:	0.329	0.412
4:	-0.236	0.186
5:	-0.570	0.038
6:	-0.182	-0.250
7:	0.010	-0.476
8:	-0.398	-0.588
9:	-1.452	-0.017
10:	-2.009	-0.376

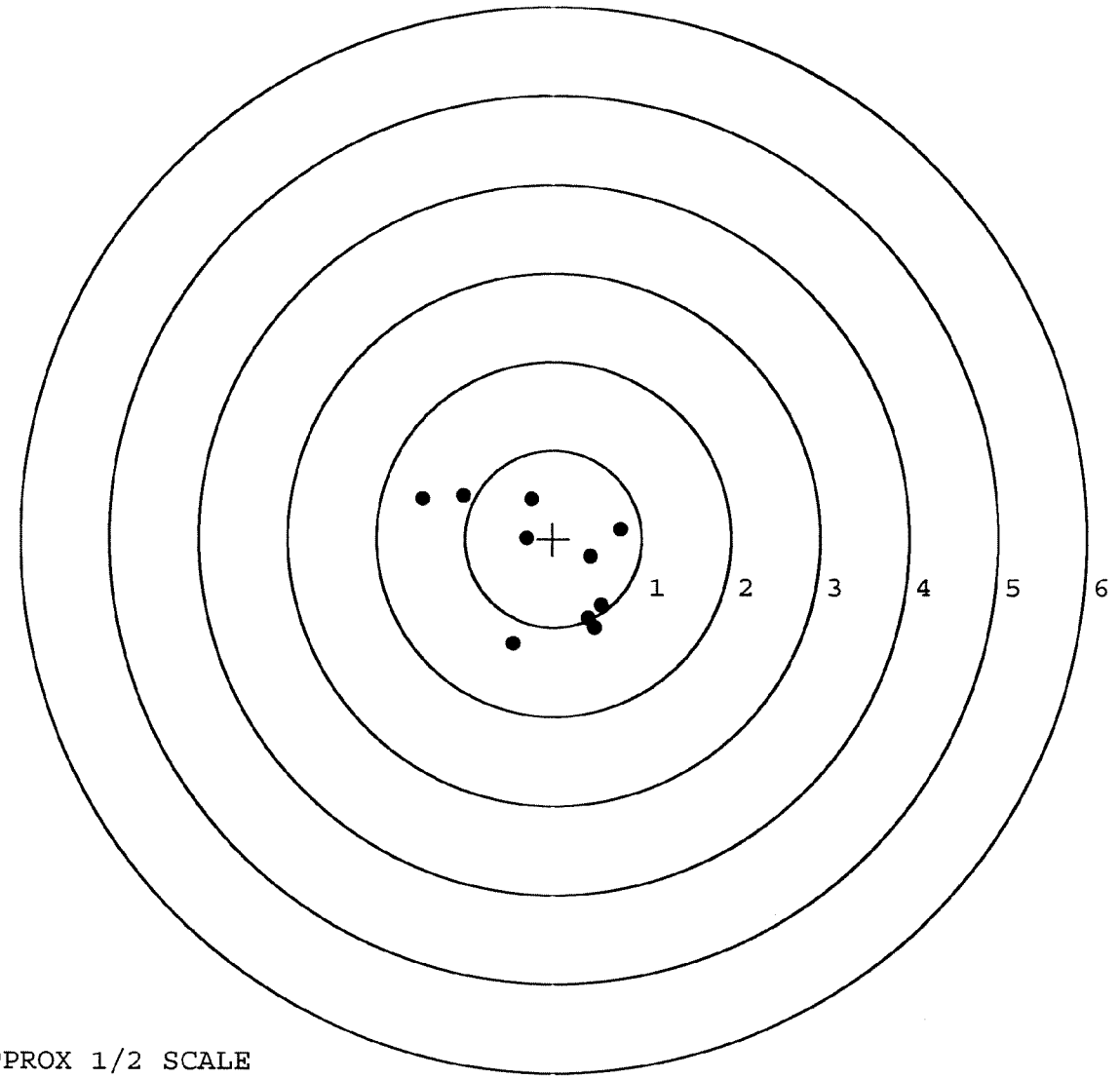


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 2
FILE DATE: 05/22/2008
FILE TIME: 05:40

X CENTROID:	-0.090
Y CENTROID:	-0.256
POA TO CENTROID:	0.272
HORZ SPREAD:	2.236
VERT SPREAD:	1.678
GROUP SPREAD:	2.432
MIN RADIUS:	0.340
MAX RADIUS:	1.554
MEAN RADIUS:	0.881
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.471	-1.012
2:	0.544	-0.756
3:	-0.457	-1.191
4:	0.425	-0.205
5:	0.761	0.110
6:	-0.248	0.451
7:	-0.303	0.009
8:	-1.014	0.487
9:	-1.475	0.447
10:	0.399	-0.903

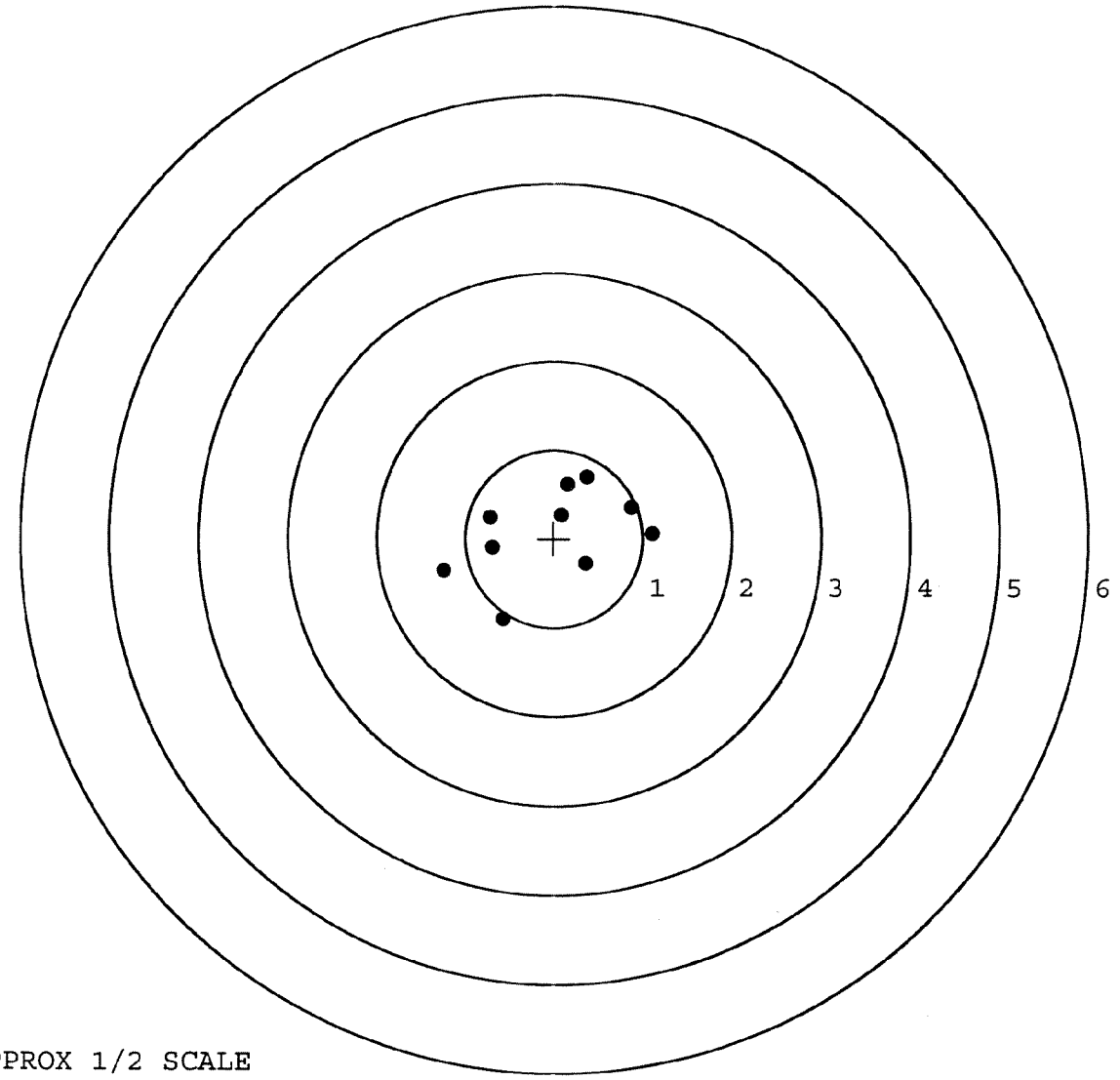


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 3
FILE DATE: 05/22/2008
FILE TIME: 05:40

X CENTROID:	-0.025
Y CENTROID:	0.056
POA TO CENTROID:	0.061
HORZ SPREAD:	2.354
VERT SPREAD:	1.612
GROUP SPREAD:	2.391
MIN RADIUS:	0.238
MAX RADIUS:	1.286
MEAN RADIUS:	0.799
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.112	0.058
2:	0.877	0.348
3:	0.380	0.699
4:	0.159	0.611
5:	0.090	0.264
6:	0.364	-0.281
7:	-0.575	-0.913
8:	-0.697	-0.103
9:	-0.721	0.238
10:	-1.242	-0.361

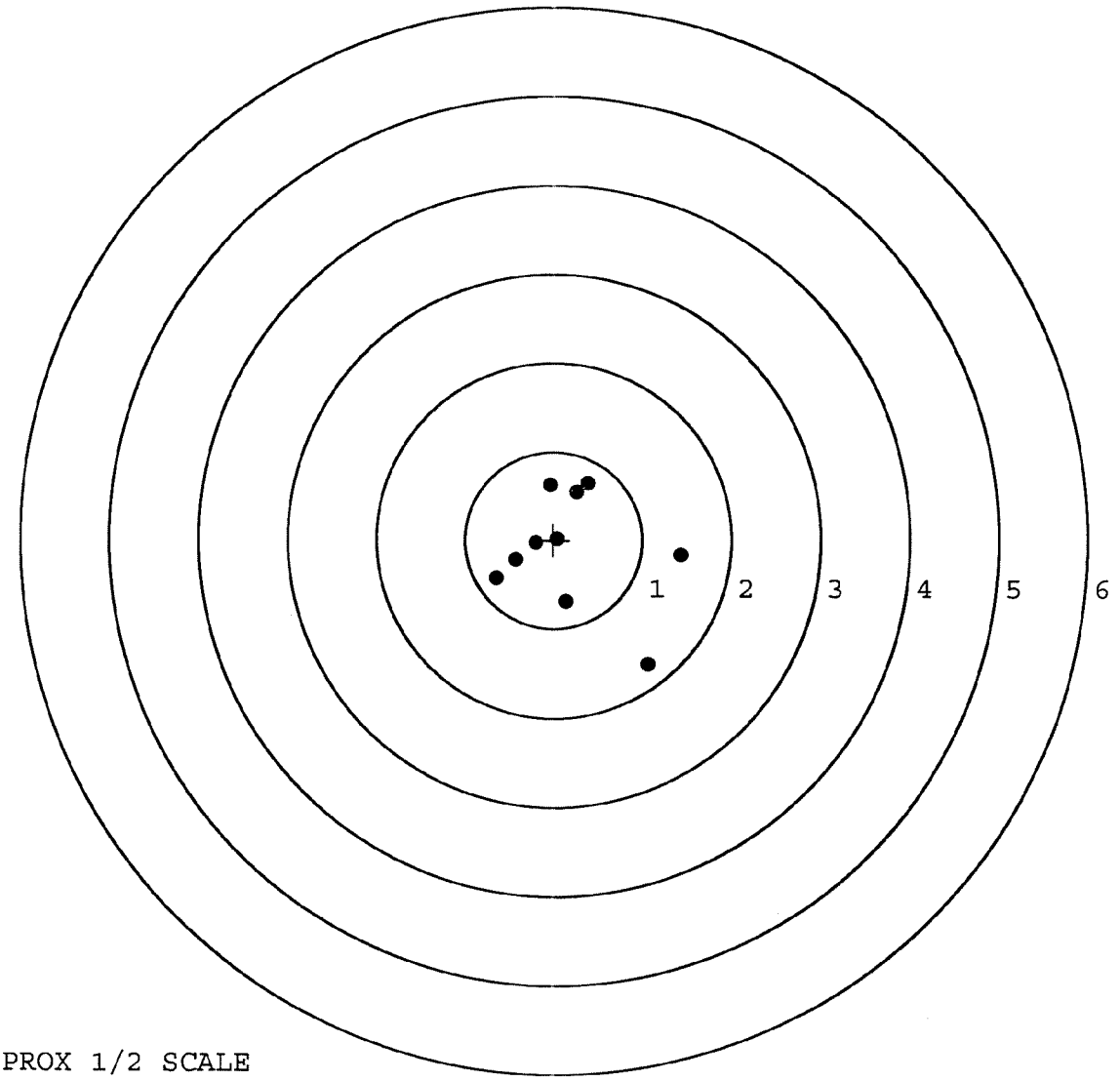


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 4
FILE DATE: 05/22/2008
FILE TIME: 05:40

X CENTROID:	0.201
Y CENTROID:	-0.116
POA TO CENTROID:	0.232
HORZ SPREAD:	2.079
VERT SPREAD:	2.048
GROUP SPREAD:	2.306
MIN RADIUS:	0.206
MAX RADIUS:	1.547
MEAN RADIUS:	0.776
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.061	-1.402
2:	1.431	-0.178
3:	0.142	-0.701
4:	-0.648	-0.445
5:	-0.429	-0.233
6:	-0.202	-0.034
7:	0.045	0.019
8:	0.387	0.646
9:	0.260	0.541
10:	-0.040	0.624

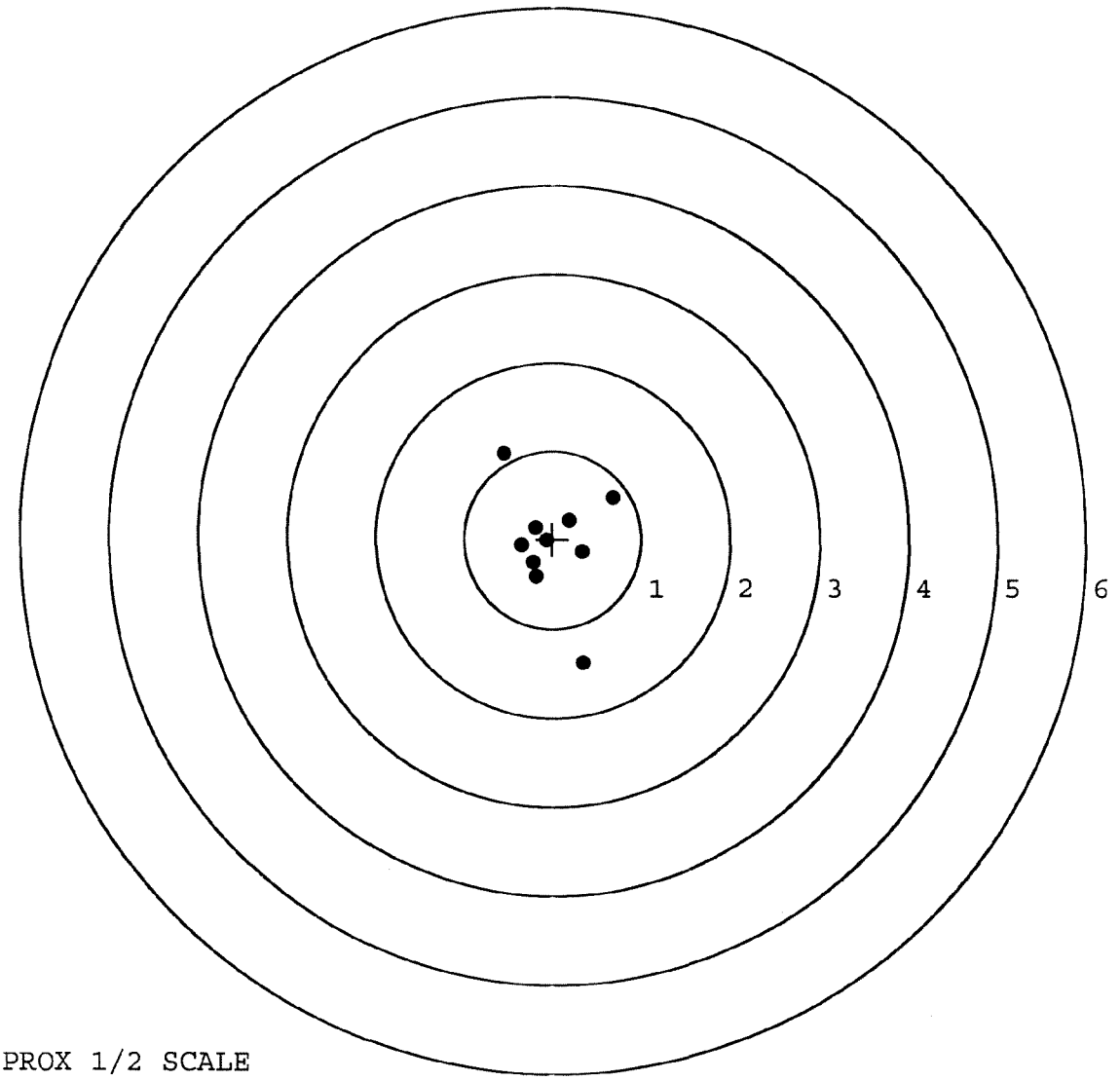


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 5
FILE DATE: 05/22/2008
FILE TIME: 05:40

X CENTROID:	-0.006
Y CENTROID:	-0.054
POA TO CENTROID:	0.054
HORZ SPREAD:	1.239
VERT SPREAD:	2.353
GROUP SPREAD:	2.519
MIN RADIUS:	0.073
MAX RADIUS:	1.377
MEAN RADIUS:	0.550
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.341	-1.386
2:	0.682	0.469
3:	0.192	0.213
4:	0.332	-0.146
5:	-0.557	0.967
6:	-0.194	0.130
7:	-0.070	-0.019
8:	-0.355	-0.072
9:	-0.232	-0.266
10:	-0.199	-0.426

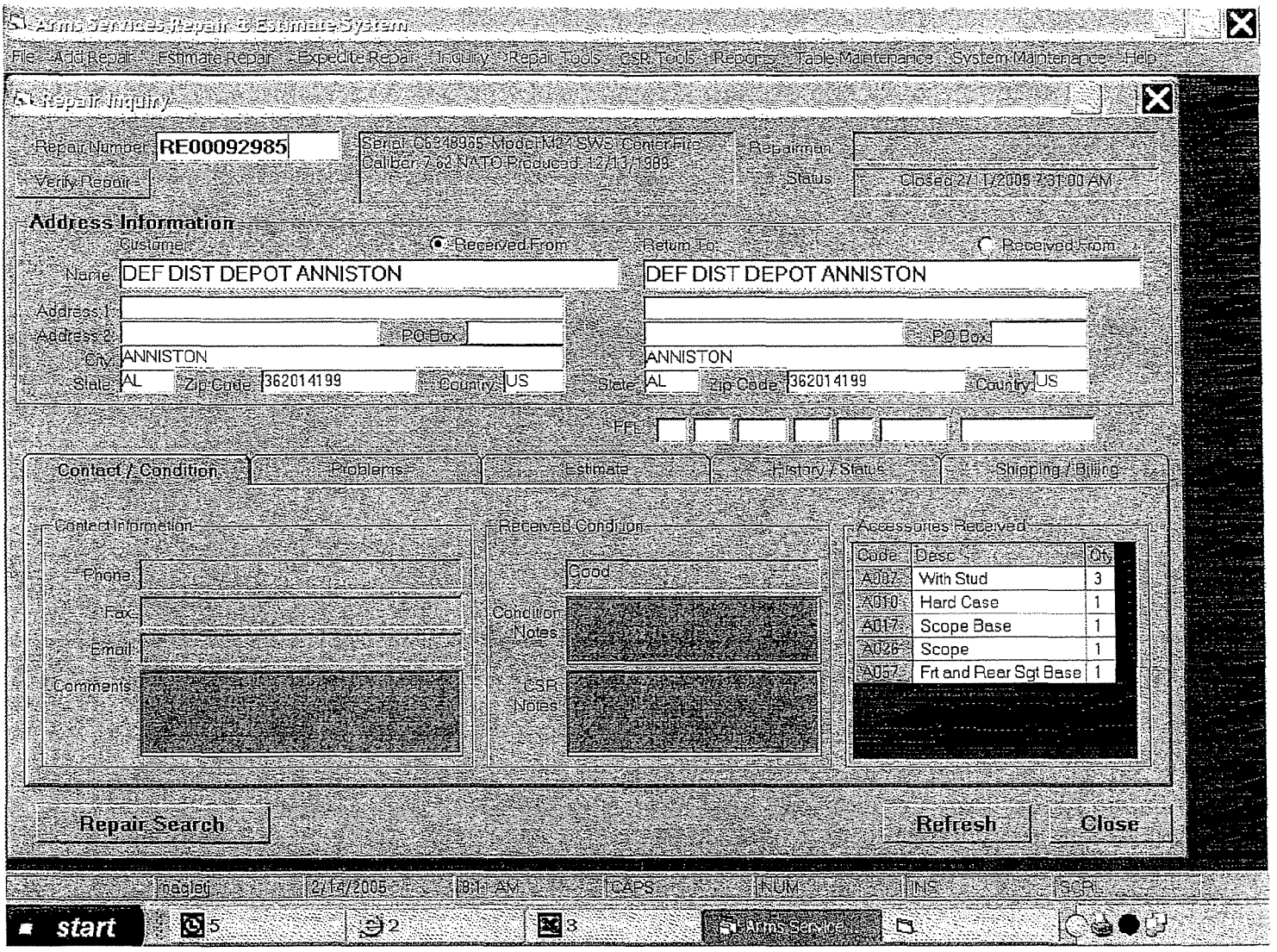


TARGET APPROX 1/2 SCALE

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

R & E NUMBER 144837
SERIAL NUMBER C634896S
LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-5-08	RTC
505	RE-BARREL		5-6-08	RTC
560	ASSEMBLE		5-6-08	RTC
600	PROOF	MAGNA - FLUX MAY 08 2008	5-7-08	TRW
605	CHECK HEADSPACE		5-7-08	TRW
610	DIS-ASSEMBLE GUN		5-7-08	RTC
612	MAGNAFLUX	OPERATOR [illegible]	5/9/08	[illegible]
510	DRILL AND TAP		5-7-08	TRW
615	ROLLMARK CALIBER		5-7-08	CW
618	ROTO-BLAST		5-9-08	DG
620	APPLY COATINGS		5/19/08	[illegible]
625	FINAL ASSEMBLY		5-21-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	5-21-08	SD
650	TARGET	(PASS) FAIL	5-21-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-21-08	RP
670	FINAL INSPECTION		5/22/08	FM
	A) HEADSPACE	(PASS) FAIL	5/22/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.55 2.55 2.63 2.73 2.58	5-22-08	TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.5 5.5 5	5/22/08	FM
	G) SAFETY OFF FORCE (2 LBS MIN)	4 4 4	5/22/08	FM
	I) FIRING PIN INDENT (.020)	.023 .023 .022	5/22/08	FM
690	PACK		5/30/08	FM


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 RE00092985
Verify Repair
Serial C6348965 Model M24 SWS Center Fire
Caliber 7.62 NATO Produced 12/13/1989
Repairman
Status Closed 2/ 1/2005 7:31:00 AM
Address Information
Customer
Received From
Name DEF DIST DEPOT ANNISTON
Address 1
Address 2
PO Box
City ANNISTON
State AL Zip Code 362014199 Country US
Return To:
Received From
DEF DIST DEPOT ANNISTON
PO Box
ANNISTON
State AL Zip Code 362014199 Country US
FFL
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone
Fax
Email
Comments
Received Condition
Good
Condition Notes
CSR Notes
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleti
2/14/2005
8:11 AM
CAPS
NUM
INS
SCRL
start
Arms Service


Serial Number:
C6348965
Model: M24 SWS
RE00092985

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348965.__0
FILE DATE AND TIME: 03/24/2005 09:11

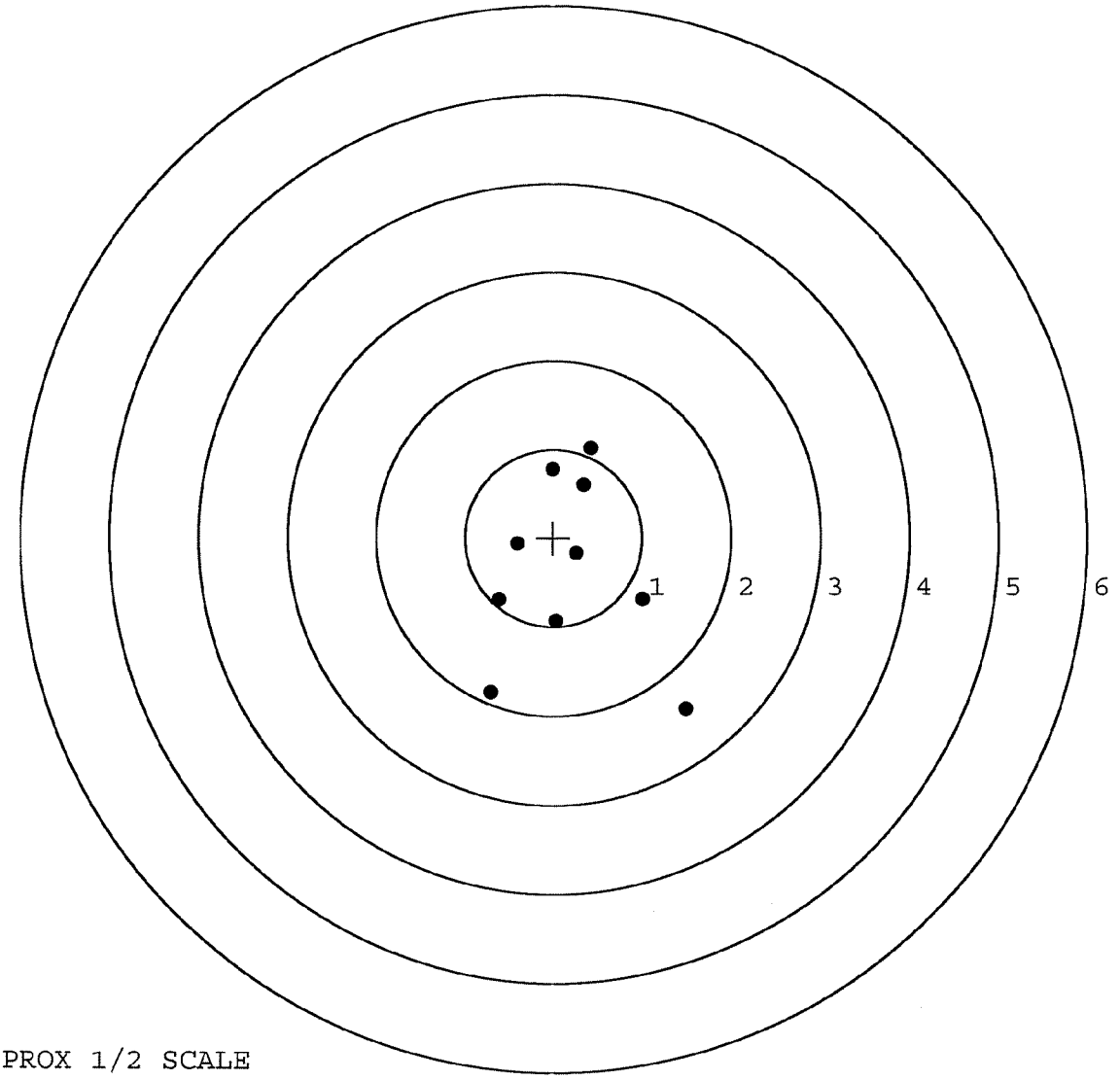
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	1.057
The Distance from POA to Centroid Target #1:	0.427
The Distance from Centroid Target #2 to Centroid Target #1:	0.570
The Distance from Centroid Target #3 to Centroid Target #1:	0.773
The Distance from Centroid Target #4 to Centroid Target #1:	0.690
The Distance from Centroid Target #5 to Centroid Target #1:	0.371

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 1
FILE DATE: 03/24/2005
FILE TIME: 09:11

X CENTROID:	0.181
Y CENTROID:	-0.387
POA TO CENTROID:	0.427
HORZ SPREAD:	2.201
VERT SPREAD:	2.936
GROUP SPREAD:	3.123
MIN RADIUS:	0.223
MAX RADIUS:	2.017
MEAN RADIUS:	1.044
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.490	-1.921
2:	1.002	-0.696
3:	0.039	-0.941
4:	-0.711	-1.745
5:	-0.615	-0.705
6:	0.263	-0.180
7:	-0.413	-0.073
8:	0.341	0.601
9:	0.425	1.015
10:	-0.012	0.774

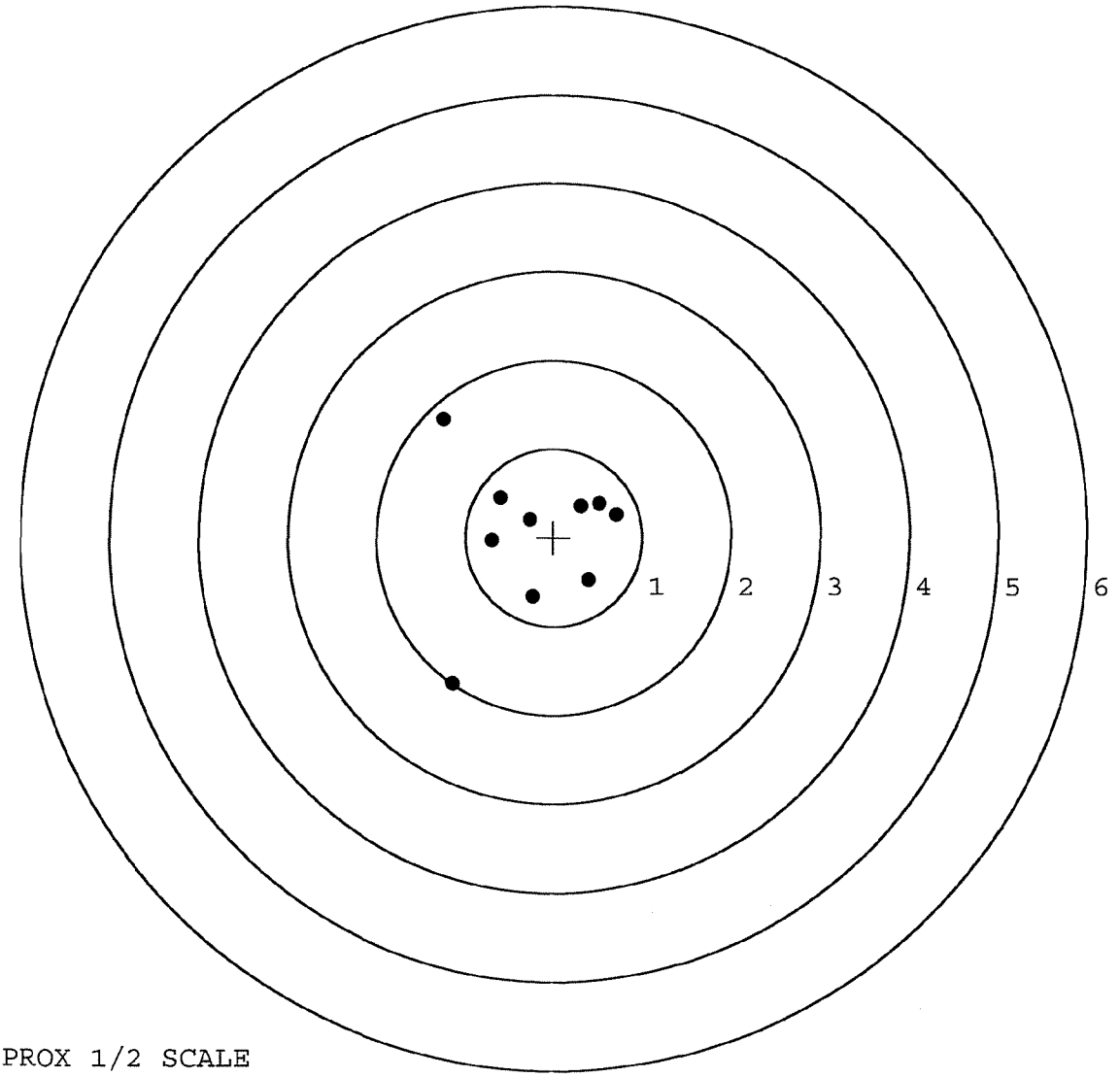


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 2
FILE DATE: 03/24/2005
FILE TIME: 09:11

X CENTROID:	-0.224
Y CENTROID:	0.014
POA TO CENTROID:	0.225
HORZ SPREAD:	1.952
VERT SPREAD:	2.978
GROUP SPREAD:	2.980
MIN RADIUS:	0.193
MAX RADIUS:	1.895
MEAN RADIUS:	0.871
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.233	-0.668
2:	0.403	-0.485
3:	0.710	0.255
4:	0.311	0.356
5:	-0.273	0.200
6:	-0.696	-0.039
7:	-0.601	0.453
8:	-1.242	1.330
9:	0.515	0.381
10:	-1.135	-1.648

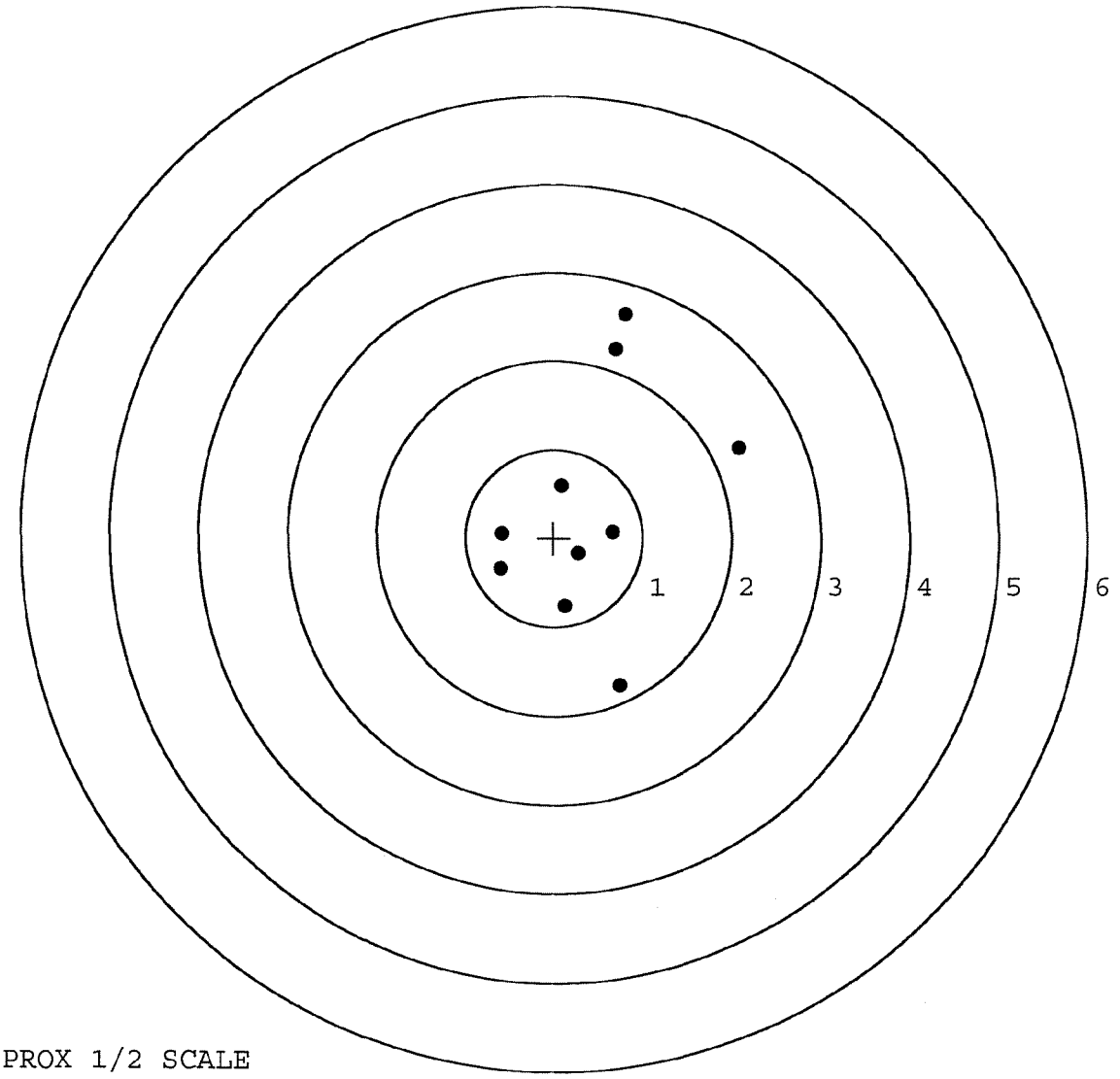


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 3
FILE DATE: 03/24/2005
FILE TIME: 09:11

X CENTROID:	0.433
Y CENTROID:	0.344
POA TO CENTROID:	0.553
HORZ SPREAD:	2.688
VERT SPREAD:	4.182
GROUP SPREAD:	4.182
MIN RADIUS:	0.365
MAX RADIUS:	2.213
MEAN RADIUS:	1.261
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	0.672	0.068
2:	0.278	-0.175
3:	0.127	-0.768
4:	-0.603	-0.347
5:	-0.587	0.050
6:	0.096	0.592
7:	0.751	-1.657
8:	2.085	1.018
9:	0.700	2.131
10:	0.807	2.525

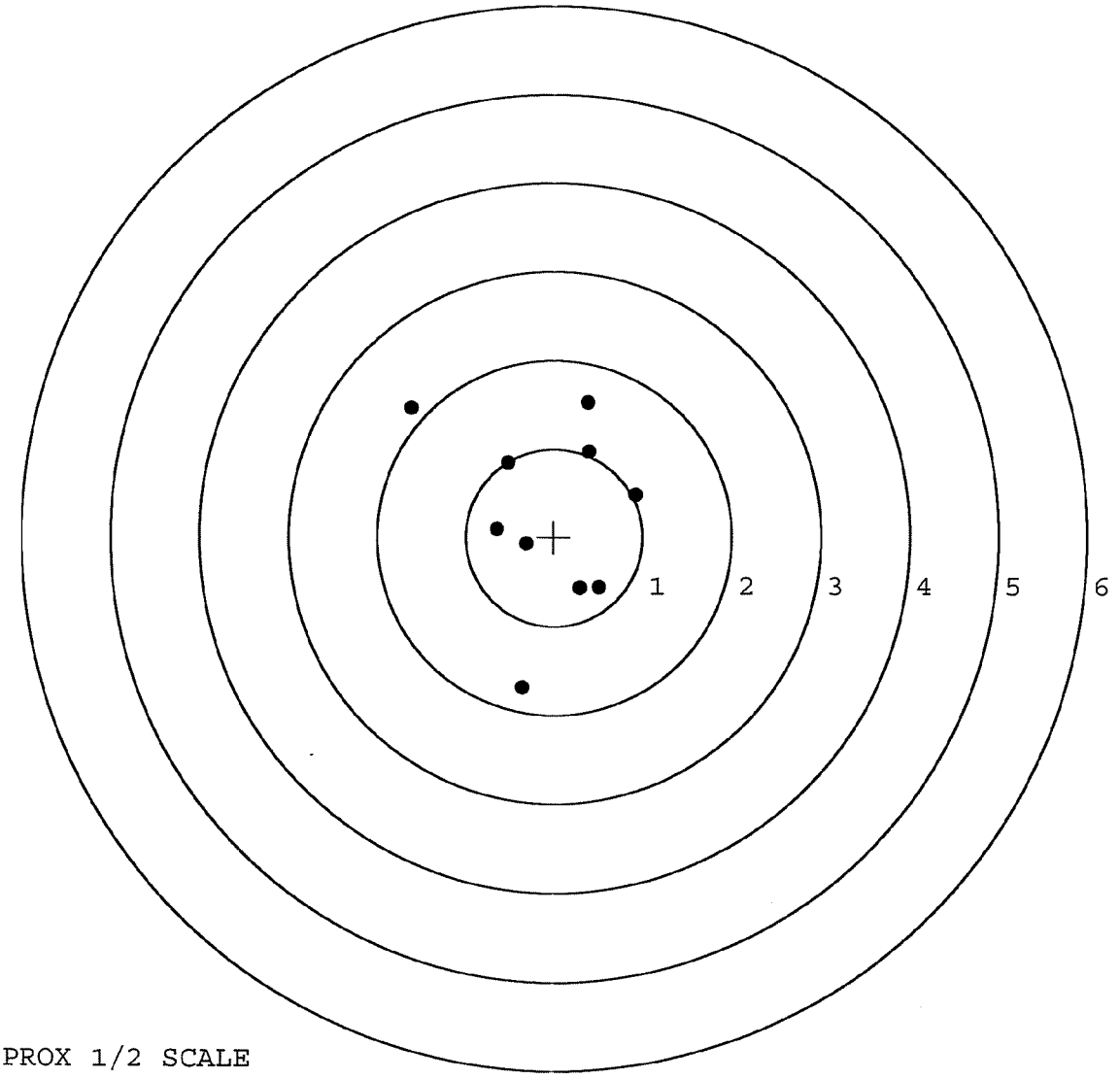


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 4
FILE DATE: 03/24/2005
FILE TIME: 09:11

X CENTROID:	-0.095
Y CENTROID:	0.245
POA TO CENTROID:	0.263
HORZ SPREAD:	2.539
VERT SPREAD:	3.222
GROUP SPREAD:	3.400
MIN RADIUS:	0.393
MAX RADIUS:	1.961
MEAN RADIUS:	1.082
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.357	-1.699
2:	0.510	-0.567
3:	0.296	-0.576
4:	-0.314	-0.081
5:	-0.649	0.091
6:	0.922	0.486
7:	0.394	0.969
8:	-0.523	0.844
9:	-1.617	1.459
10:	0.386	1.523

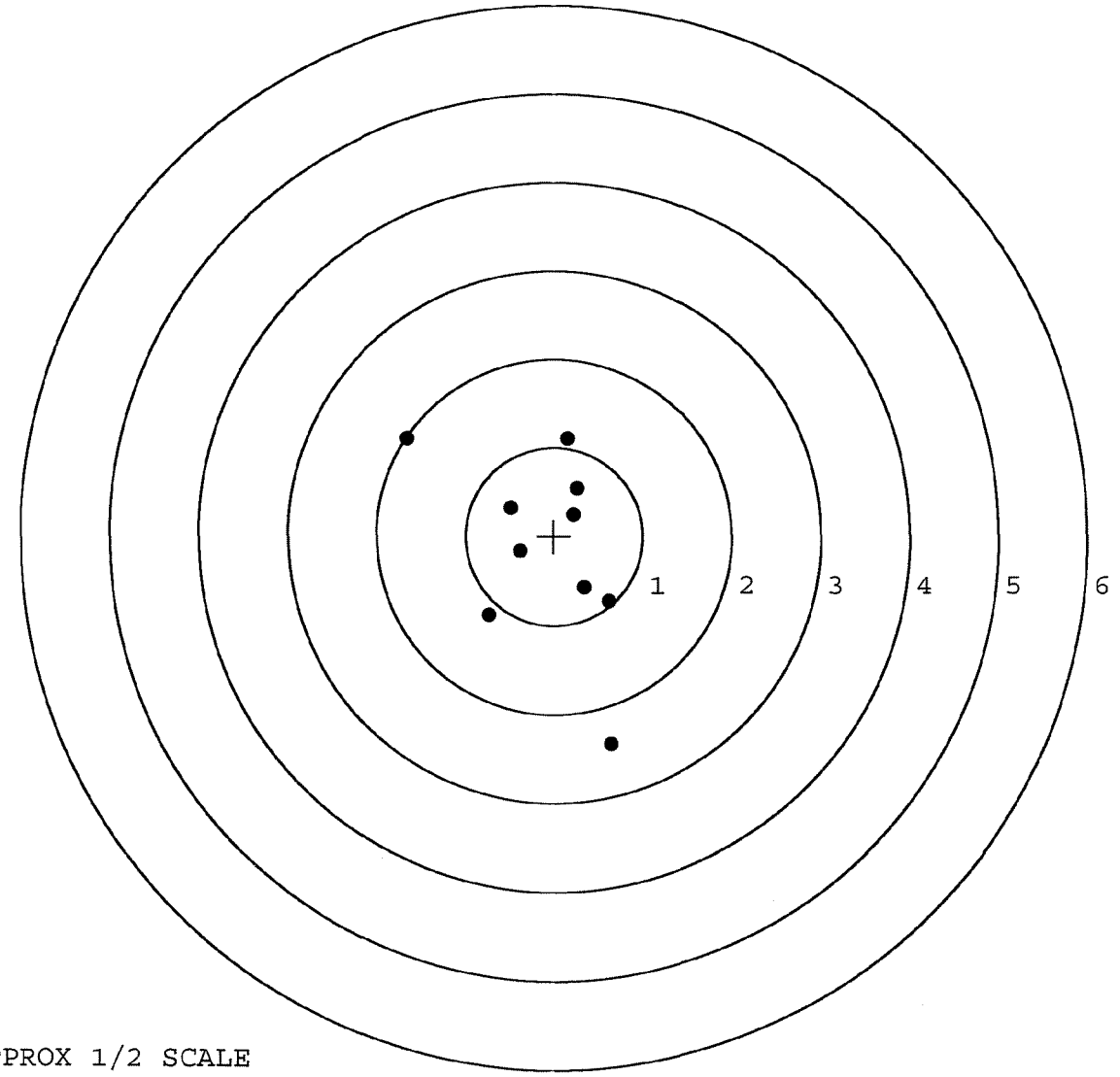


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965.__0
TARGET NUMBER: 5
FILE DATE: 03/24/2005
FILE TIME: 09:11

X CENTROID:	-0.097
Y CENTROID:	-0.141
POA TO CENTROID:	0.171
HORZ SPREAD:	2.316
VERT SPREAD:	3.435
GROUP SPREAD:	4.140
MIN RADIUS:	0.289
MAX RADIUS:	2.320
MEAN RADIUS:	1.027
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.660	-2.334
2:	0.621	-0.727
3:	0.342	-0.577
4:	-0.737	-0.891
5:	-0.385	-0.173
6:	-0.484	0.314
7:	0.230	0.240
8:	0.272	0.538
9:	0.164	1.101
10:	-1.656	1.098



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92985		
SERIAL NUMBER	C6348965		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05 MAGNA-FLUX INSPECTED	AC
605	CHECK HEADSPACE	2-24-05 MAR 1 2005	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HS
625 A	FINAL ASSEMBLY	3-23-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-28-05	AC
D	SAFETY "OFF" FORCE	3-28-05	AC
E	FIRING PIN INDENT	3-28-05	AC
640	TARGET	3-24-05	AC
655	FINAL INSPECT	3-28-05	AC
660	PACK	4-25-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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.
C6348965

ORDER NO.
5716

01

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

5716 C6348965

UPC

0 47700 25716 7

Scout 0593

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348965

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	[illegible]
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	REJECTED	11/2/89	KCK
	Magnaflux Bolt		11/2/89	KCK
615	Rollmark Caliber			
7	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			

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			
	C) Function			
660	Pack			

Scow 0593

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348965

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-8	89	RW
600	Proof	11-8	89	RW
607	Check Headspace	11-8	89	RW
610	Dis-assemble Gun	11-8	89	RW
612	Magnaflux Barrel Action	11-9-89		KCK
	Magnaflux Bolt	11-9-89		KCK
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	11 9	89	YB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TH
	Apply Coating (Bolt)			TH
625	Final Assembly A) Clean inside of Bolt Assembly		11/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/27/89	RW
	C) Inspect Ejector Hole for Chamfer		11/27/89	RW
	D) Oil Firing Pin Ass'y		11/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6 Dec 89	YB

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	6Dec89	JSS
	G) Safety Off Force	3	3	3	6Dec89	JSS
	H) Trigger Pull Test & Retainability				6Dec89	JSS
	I) Firing Pin Indent	.021	.0215	.0215	6Dec89	JSS
	J) Assemble Stock				12/7/89	RW
	K) Assemble Swivel Studs				8Dec89	JSS
	L) Attach Front and Rear Sight Assemblies				12/7/89	RW
	M) Iron Sight Alignment				12/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container				12/7/89	RW
	O) Attach Scope to Rifle				7Dec89	JSS
	P) Detach & Attach Scope 20 Times				7Dec89	JSS
640	Gallery Target & Test				12-7-89	DH
	A) Time				12-7-89	DH
	B) Malfunctions				12-7-89	DH
	C) Pierced Primers				12-7-89	DH
	D) Optical Clearity of Scope				12-7-89	DH
645	Inspect for Live Ammo				12-7-89	DH
655	Final Inspection A) Headspace				8Dec89	JSS
	B) Trigger Pull	2.81	2.83	2.78 / 2.81 / 2.84	8Dec89	JSS
	C) Function				8 Dec89	JSS
660	Pack				15Dec89	JSS

SWS TRIGGER PULL TEST

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

SERIAL NO. C634 8965
DATE 13 Mar 90
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.36		267	MIN. SETTING,
PULL #2	241	2.45		264	NO AVG. OF 5
PULL #3	2.36	2.44		253	READINGS ACCEPT-
PULL #4	230	243		254	ABLE LESS THAN 2#
PULL #5	238	232		249	
TOTAL	1187	1200			
AVG.	2374	2.40			

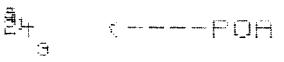
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	323	354		
PULL #2	337	345		
PULL #3	336	336		
PULL #4	335	347		
PULL #5	294	288		
TOTAL	1625	1670		
AVG.	3.25	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	438	401		
PULL #2	434	431		
PULL #3	432	417		
PULL #4	428	409		
PULL #5	419	415		
TOTAL	2151	2073		
AVG.	4.302	4.146		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348965
8 Dec 1989

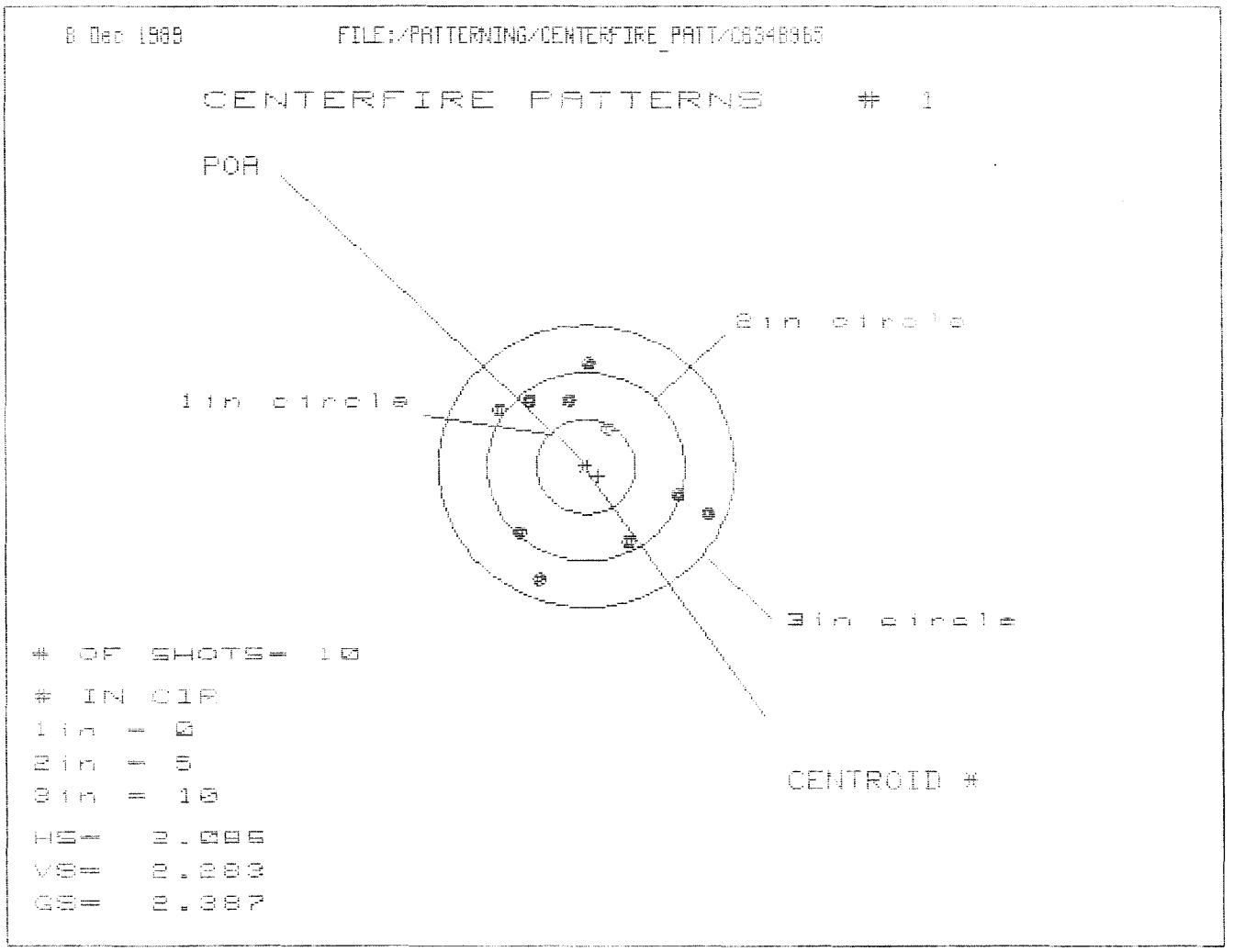
CENTROIDAL DISTANCES

0	TO	1	.159806
1	TO	2	.207135
1	TO	3	.63821
1	TO	4	.236865
1	TO	5	.24492

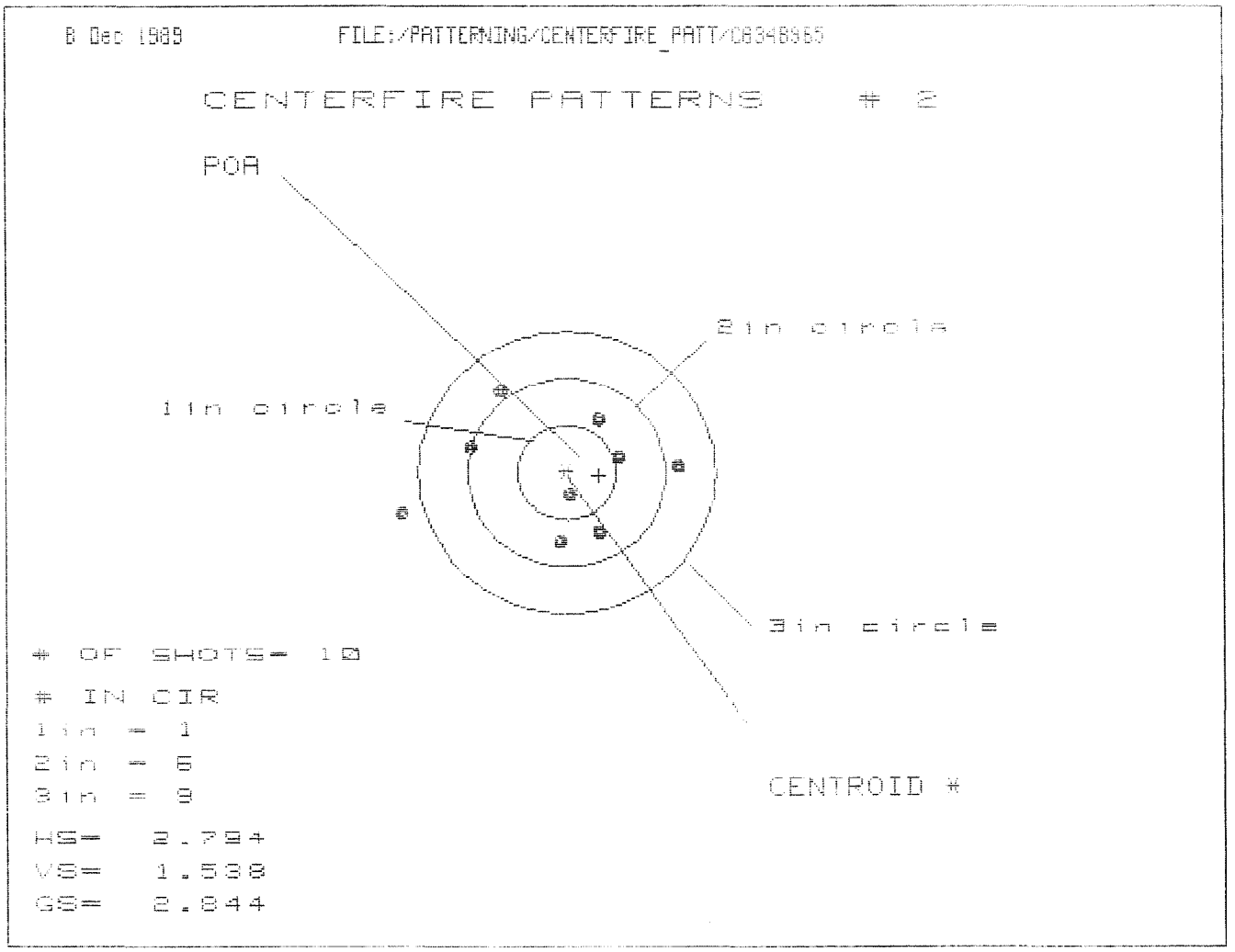


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162933

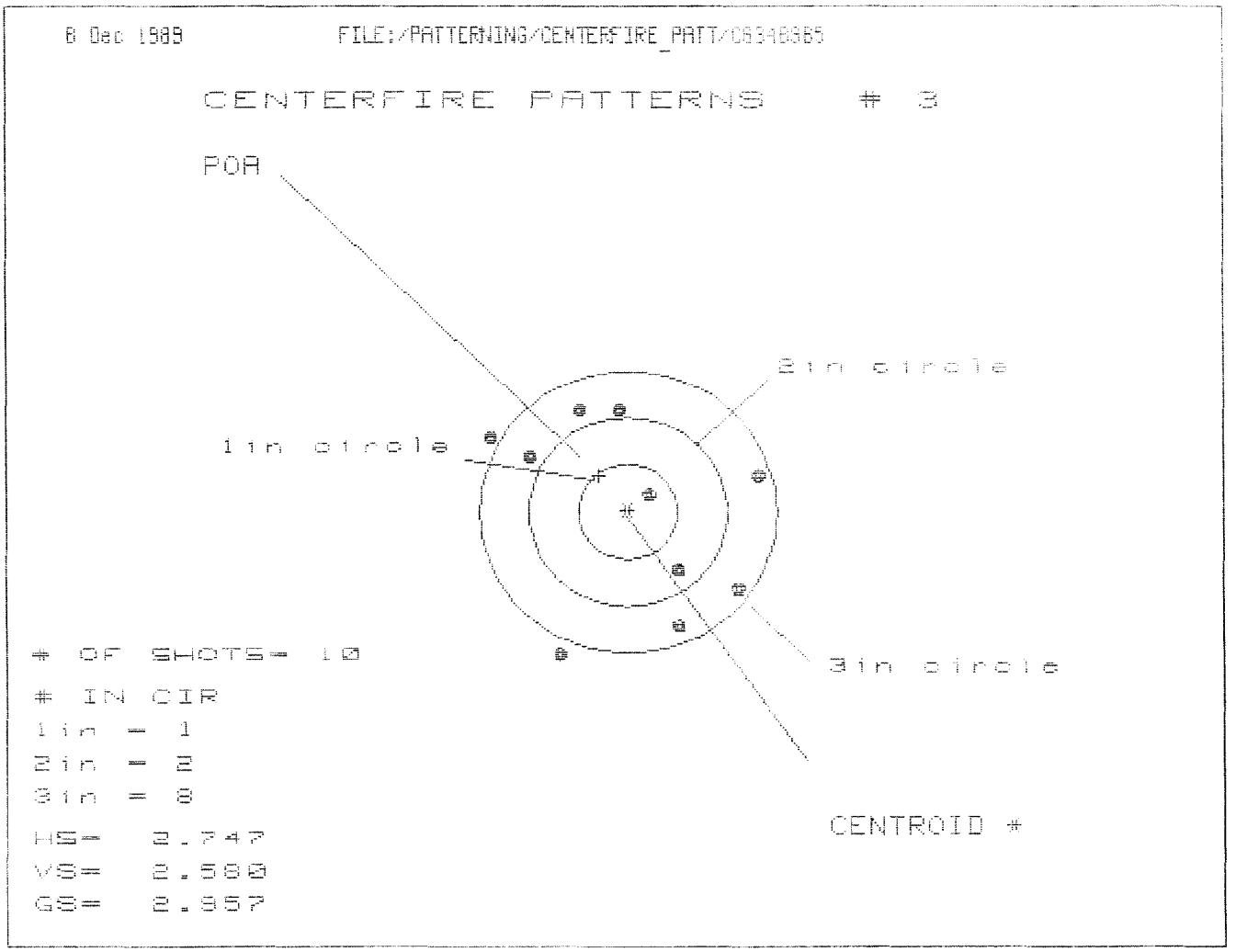
THE AMR FOR THIS RIFLE IS: 1.015



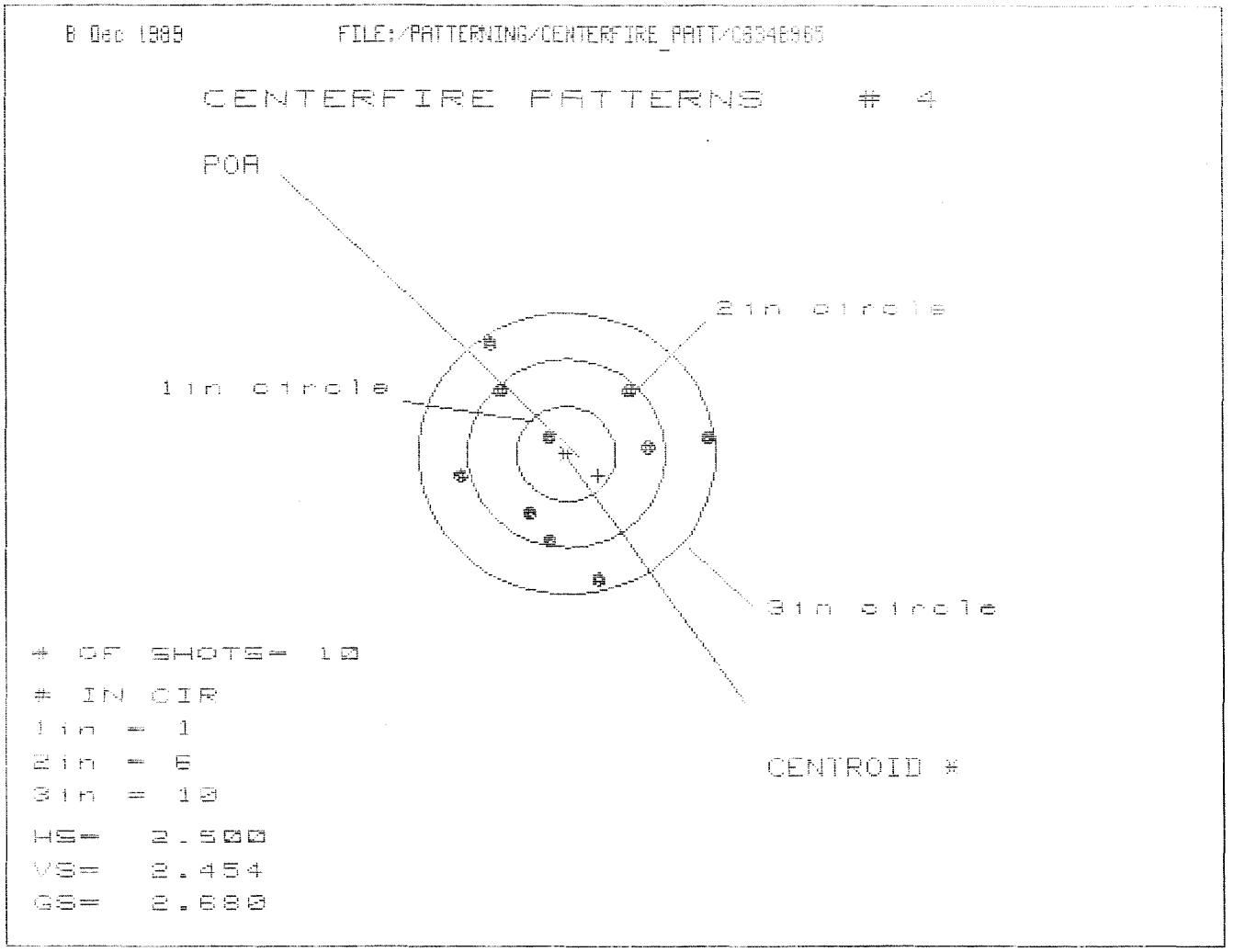
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.075	1.027
MINIMUM X	:	-.883	-.750	-.798
MAXIMUM Y	:	1.090	1.031	.875
MINIMUM Y	:	-1.193	-1.252	-.983
CENTROID X	:	-.127	-.260	-.212
CENTROID Y	:	.097	.156	.312
POA TO CENTROID in.	:	.159	.303	.377
MIN RADIUS	:	.517	.553	.417
MEAN RADIUS	:	.980	.929	.844
MAX RADIUS	:	1.314	1.309	1.166
HORIZONTAL SPREAD	:	2.086	1.825	1.825
VERTICAL SPREAD	:	2.283	2.283	1.858
EXTREME SPREAD	:	2.387	2.337	2.065
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		



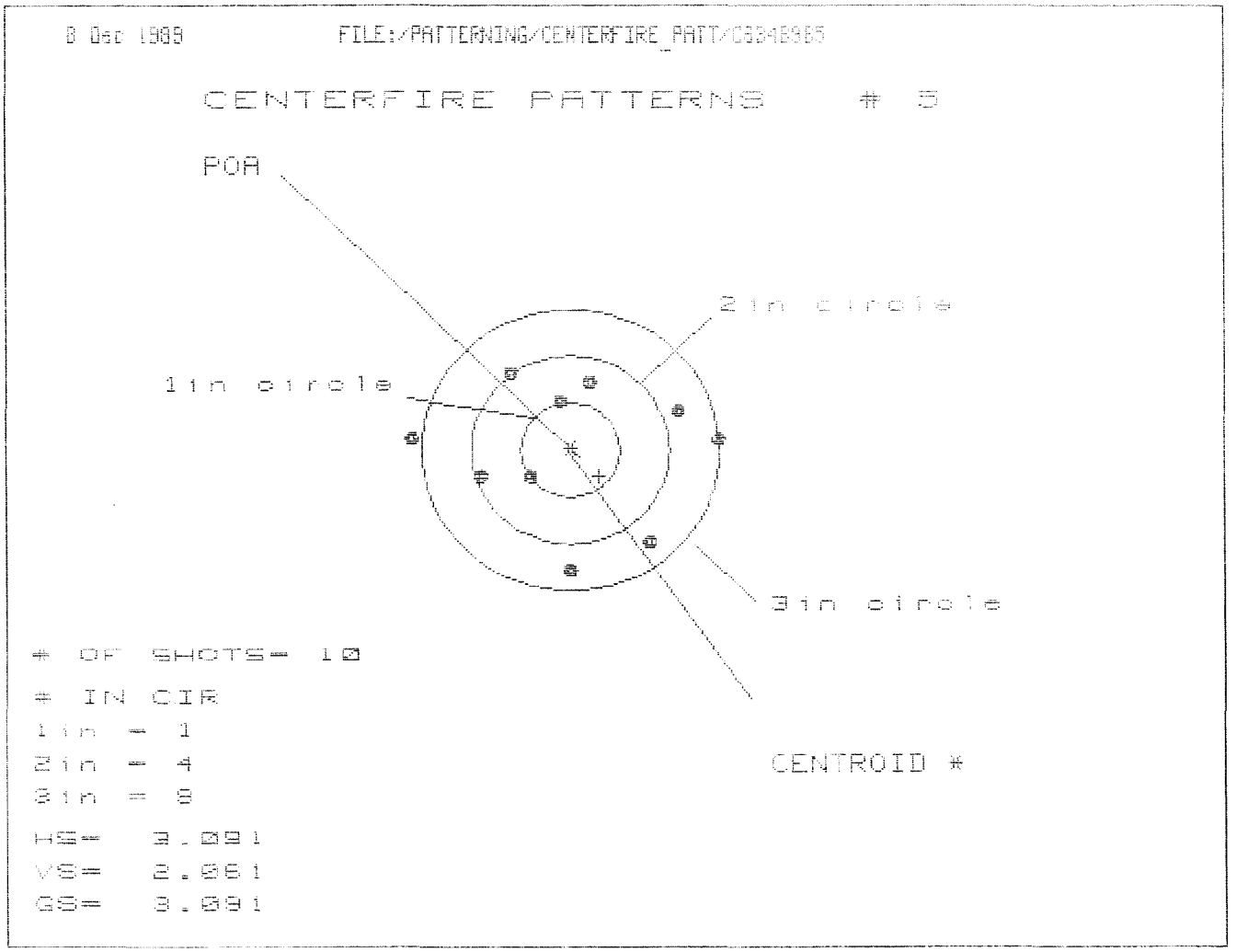
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.131	.947	1.015
MINIMUM X	:	-1.663	-1.115	-.997
MAXIMUM Y	:	.838	.787	.788
MINIMUM Y	:	-.700	-.751	-.750
CENTROID X	:	-.328	-.144	-.262
CENTROID Y	:	.030	.081	.079
POA TO CENTROID in.	:	.330	.165	.274
MIN RADIUS	:	.266	.337	.323
MEAN RADIUS	:	.887	.767	.748
MAX RADIUS	:	1.726	1.193	1.108
HORIZONTAL SPREAD	:	2.794	2.062	2.012
VERTICAL SPREAD	:	1.538	1.538	1.538
EXTREME SPREAD	:	2.844	2.072	2.021
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.350	1.195	1.090
MINIMUM X	:	-1.397	-1.180	-1.285
MAXIMUM Y	:	1.112	1.204	1.032
MINIMUM Y	:	-1.468	-1.376	-1.292
CENTROID X	:	.289	.444	.549
CENTROID Y	:	-.387	-.479	-.307
POA TO CENTROID in.	:	.483	.653	.630
MIN RADIUS	:	.274	.263	.091
MEAN RADIUS	:	1.177	1.108	1.014
MAX RADIUS	:	1.626	1.615	1.364
HORIZONTAL SPREAD	:	2.747	2.375	2.375
VERTICAL SPREAD	:	2.580	2.580	2.324
EXTREME SPREAD	:	2.957	2.766	2.484
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.391	.956	.881
MINIMUM X	:	-1.109	-.954	-1.029
MAXIMUM Y	:	1.134	1.158	.872
MINIMUM Y	:	-1.320	-1.296	-1.151
CENTROID X	:	-.323	-.478	-.403
CENTROID Y	:	.230	.206	.061
POA TO CENTROID in.	:	.397	.520	.407
MIN RADIUS	:	.270	.241	.394
MEAN RADIUS	:	.991	.930	.880
MAX RADIUS	:	1.408	1.380	1.218
HORIZONTAL SPREAD	:	2.500	1.910	1.910
VERTICAL SPREAD	:	2.454	2.454	2.023
EXTREME SPREAD	:	2.680	2.680	2.245
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.470	1.290	1.058
MINIMUM X	:	-1.621	-1.042	-.880
MAXIMUM Y	:	.809	.823	.844
MINIMUM Y	:	-1.252	-1.238	-1.217
CENTROID X	:	-.292	-.112	-.274
CENTROID Y	:	.278	.264	.243
POA TO CENTROID in.	:	.403	.287	.366
MIN RADIUS	:	.486	.563	.508
MEAN RADIUS	:	1.042	.984	.920
MAX RADIUS	:	1.626	1.301	1.240
HORIZONTAL SPREAD	:	3.091	2.332	1.938
VERTICAL SPREAD	:	2.061	2.061	2.061
EXTREME SPREAD	:	3.091	2.363	2.291
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	