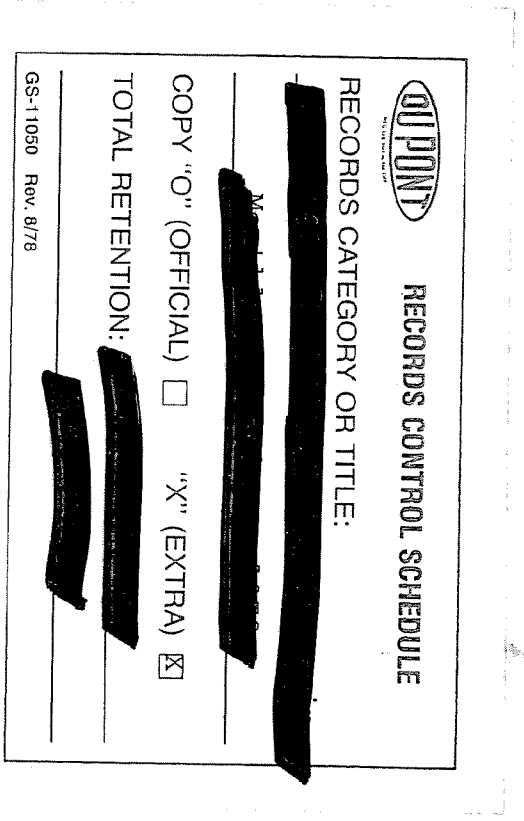
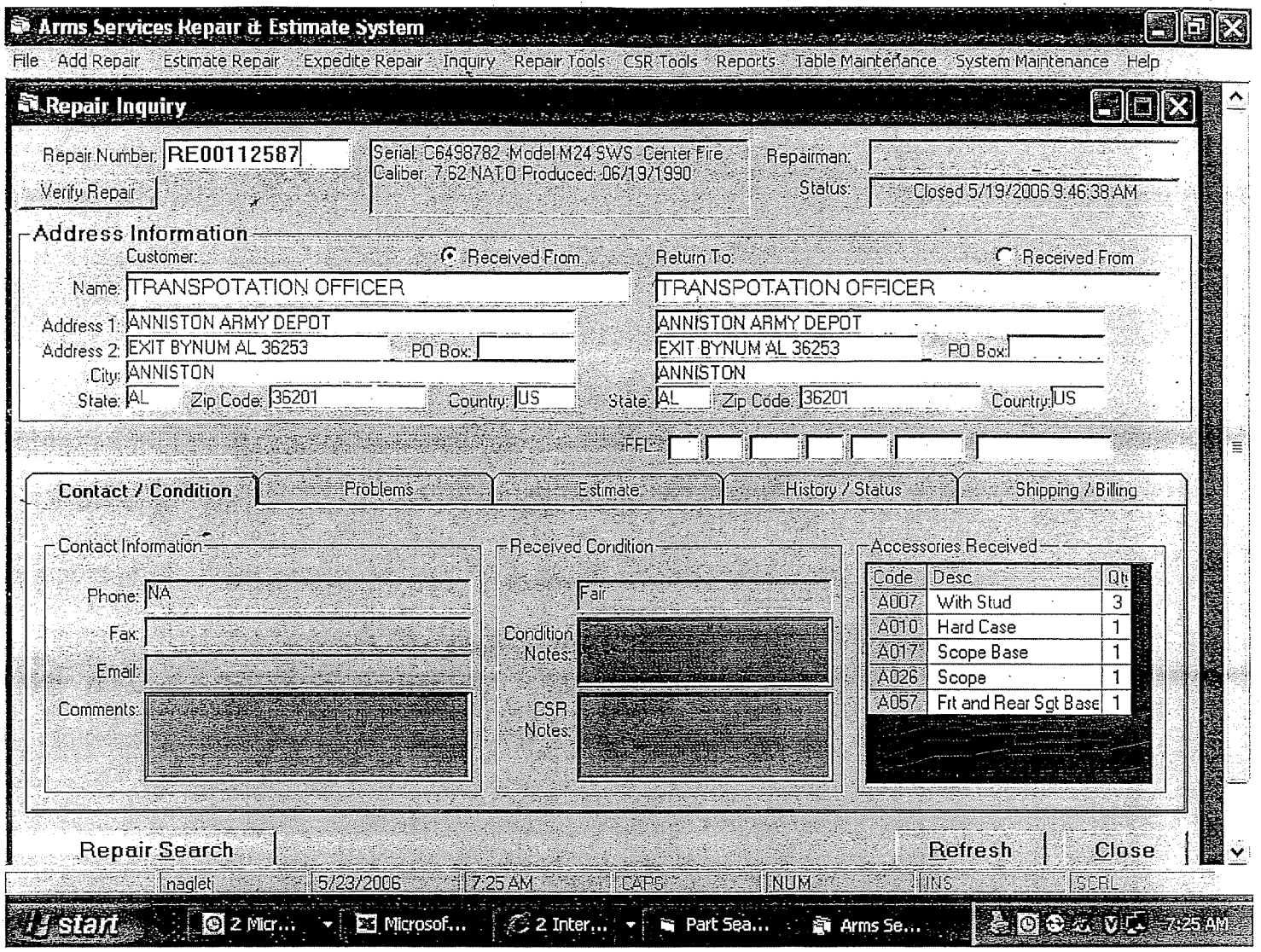

DU PONT
RECORDS CONTROL SCHEDULE
RECORDS CATEGORY OR TITLE:
COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒
TOTAL RETENTION:
GS-11050 Rev. 8/78


C6498782

C6498782
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: RE00112587
Verify Repair
Serial: C6498782 Model M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1990
Repairman:
Status: Closed 5/19/2006 9:46:38 AM
Address Information
Customer: Received From
Name: TRANSPOTATION OFFICER
Address 1: ANNISTON ARMY DEPOT
Address 2: EXIT BYNUM AL 36253 PO Box:
City: ANNISTON
State: AL Zip Code: 36201 Country: US
Return To: Received From
TRANSPOTATION OFFICER
ANNISTON ARMY DEPOT
EXIT BYNUM AL 36253 PO Box:
ANNISTON
State: AL Zip Code: 36201 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: NA
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qt
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
naglet 5/23/2006 7:25 AM CAPS NUM INS SCRL
start
2 Micr...
Microsof...
2 Inter...
Part Sea...
Arms Se...
7:25 AM


C6498782
Model: M24 SWS
RE00112587

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

R & E NUMBER	112587			
SERIAL NUMBER	CC498782			
LOG-IN DATE	5-19-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-31-06	RTZ
505	RE-BARREL		6-1-06	RTZ
560	ASSEMBLE		6-1-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED JUN 05 2006	6-1-06	TRW
605	CHECK HEADSPACE		6-1-06	TRW
610	DIS-ASSEMBLE GUN		6-2-06	RTZ
612	MAGNAFLUX	OPERATOR APD	6-3-06	APD
510	DRILL AND TAP		6-2-06	TRW
615	ROLLMARK CALIBER		6-2-06	CW
618	ROTO-BLAST		6-5-06	LB
620	APPLY COATINGS		6/7/06	TB
625	FINAL ASSEMBLY		6-12-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	6-12-06	L.P.D.
650	TARGET	(PASS) FAIL	6-12-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-28-06	AC
	A) HEADSPACE	(PASS) FAIL	6-28-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	N/A		A
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6 lbs 6 lbs 6 lbs		A
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		A
	I) FIRING PIN INDENT (.020)	.022 .022 .022		AC
690	PACK		7-7-06	DM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498782.__0
FILE DATE AND TIME: 06/12/2006 17:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

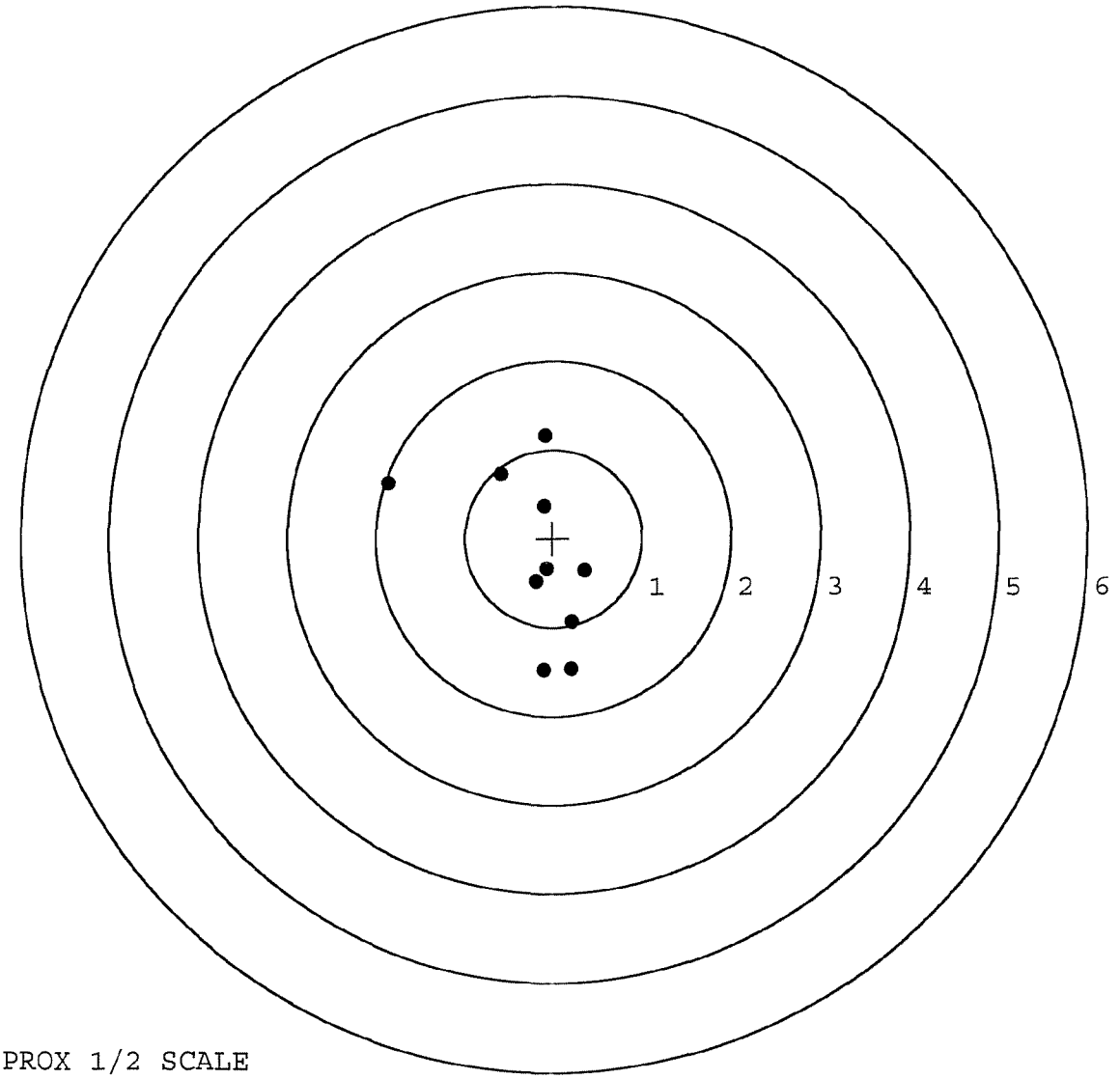
The Average X Centroid of the Five Target Set:	-0.156
The Average Y Centroid of the Five Target Set:	0.051
The Average Point of Impact of the Five Target Set:	0.164
The Average Mean Radius of the Five Target Set:	0.880
The Distance from POA to Centroid Target #1:	0.316
The Distance from Centroid Target #2 to Centroid Target #1:	0.289
The Distance from Centroid Target #3 to Centroid Target #1:	0.552
The Distance from Centroid Target #4 to Centroid Target #1:	0.374
The Distance from Centroid Target #5 to Centroid Target #1:	0.258

BARBER - M24 0007663

SERIAL NUMBER: C6498782.__0
TARGET NUMBER: 1
FILE DATE: 06/12/2006
FILE TIME: 17:01

X CENTROID:	-0.222
Y CENTROID:	-0.224
POA TO CENTROID:	0.316
HORZ SPREAD:	2.228
VERT SPREAD:	2.641
GROUP SPREAD:	2.947
MIN RADIUS:	0.195
MAX RADIUS:	1.848
MEAN RADIUS:	0.934
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.102	-1.486
2:	0.211	-1.467
3:	0.216	-0.944
4:	-0.189	-0.488
5:	-0.073	-0.350
6:	0.364	-0.370
7:	-0.102	0.362
8:	-0.596	0.721
9:	-0.087	1.155
10:	-1.864	0.625

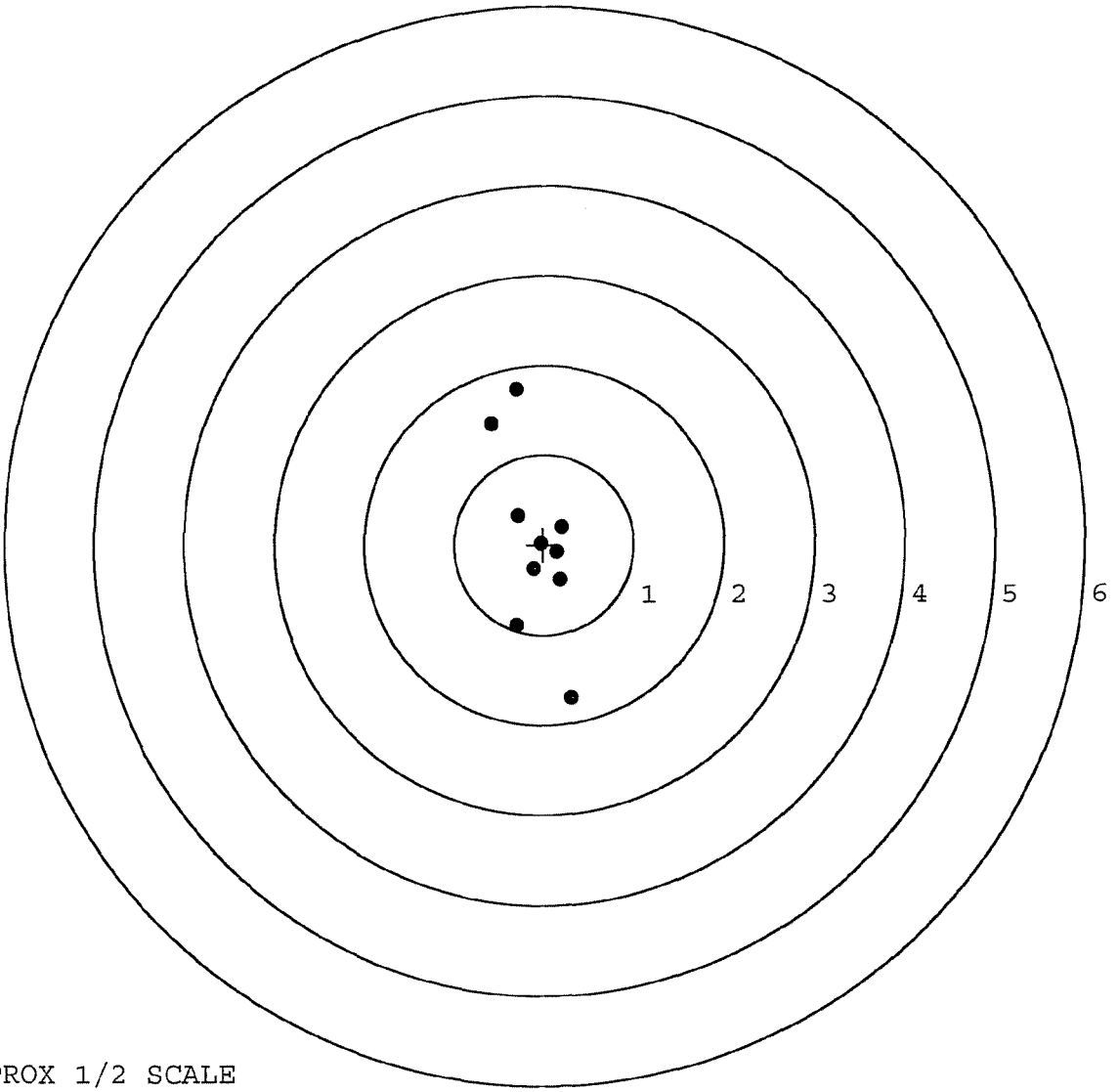


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498782.__0
TARGET NUMBER: 2
FILE DATE: 06/12/2006
FILE TIME: 17:01

X CENTROID:	-0.078
Y CENTROID:	0.027
POA TO CENTROID:	0.083
HORZ SPREAD:	0.910
VERT SPREAD:	3.423
GROUP SPREAD:	3.480
MIN RADIUS:	0.047
MAX RADIUS:	1.768
MEAN RADIUS:	0.763
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.319	-1.696
2:	-0.302	-0.900
3:	0.189	-0.390
4:	-0.112	-0.269
5:	0.200	0.198
6:	-0.291	0.322
7:	-0.032	0.018
8:	0.149	-0.082
9:	-0.591	1.340
10:	-0.311	1.727

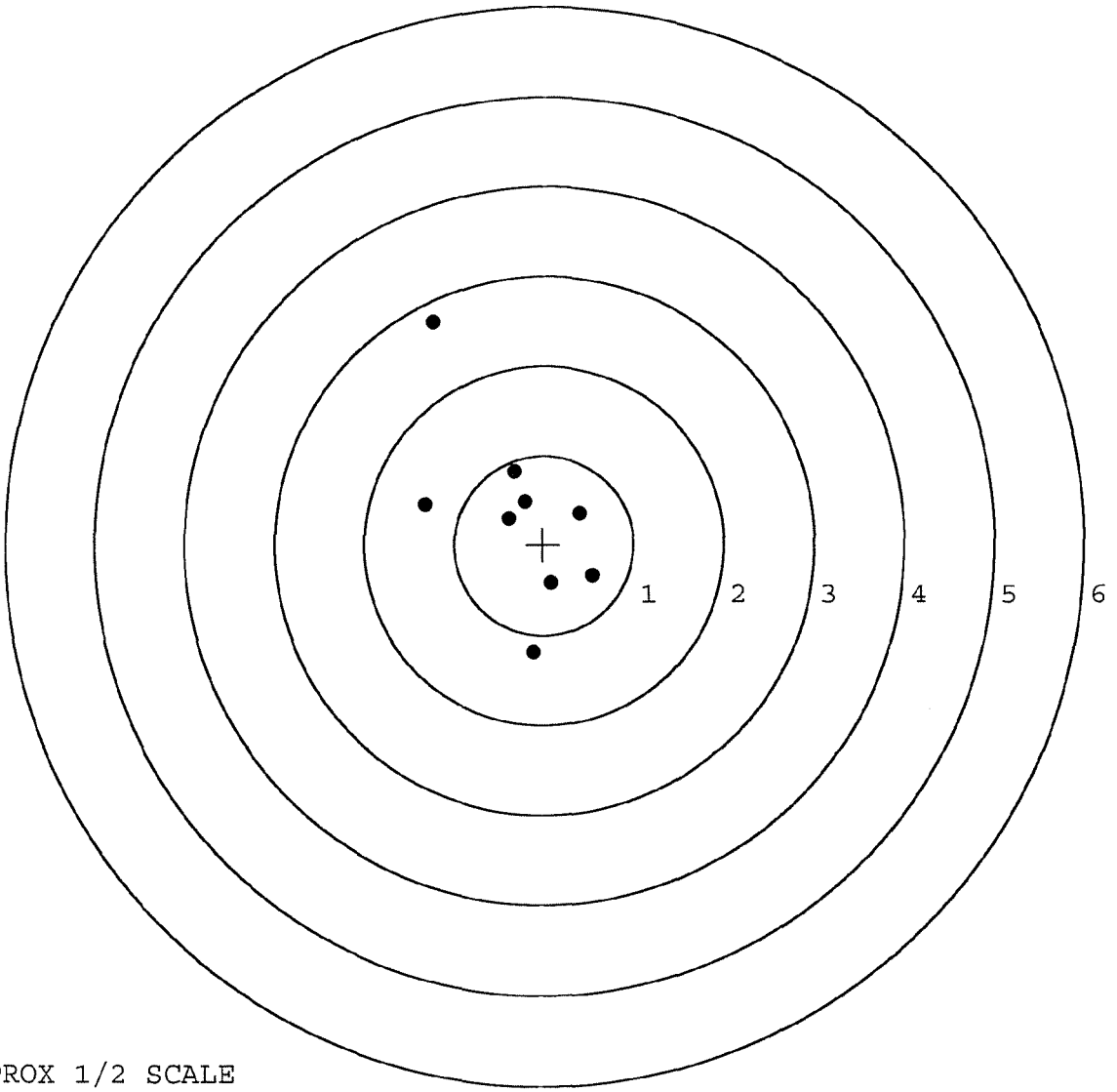


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498782.__0
TARGET NUMBER: 3
FILE DATE: 06/12/2006
FILE TIME: 17:01

X CENTROID:	-0.283
Y CENTROID:	0.325
POA TO CENTROID:	0.431
HORZ SPREAD:	1.871
VERT SPREAD:	3.679
GROUP SPREAD:	3.851
MIN RADIUS:	0.108
MAX RADIUS:	2.361
MEAN RADIUS:	0.925
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.103	-1.196
2:	0.089	-0.432
3:	0.549	-0.343
4:	0.405	0.358
5:	-0.387	0.295
6:	-1.322	0.447
7:	-0.329	0.824
8:	-0.208	0.486
9:	-1.241	2.483

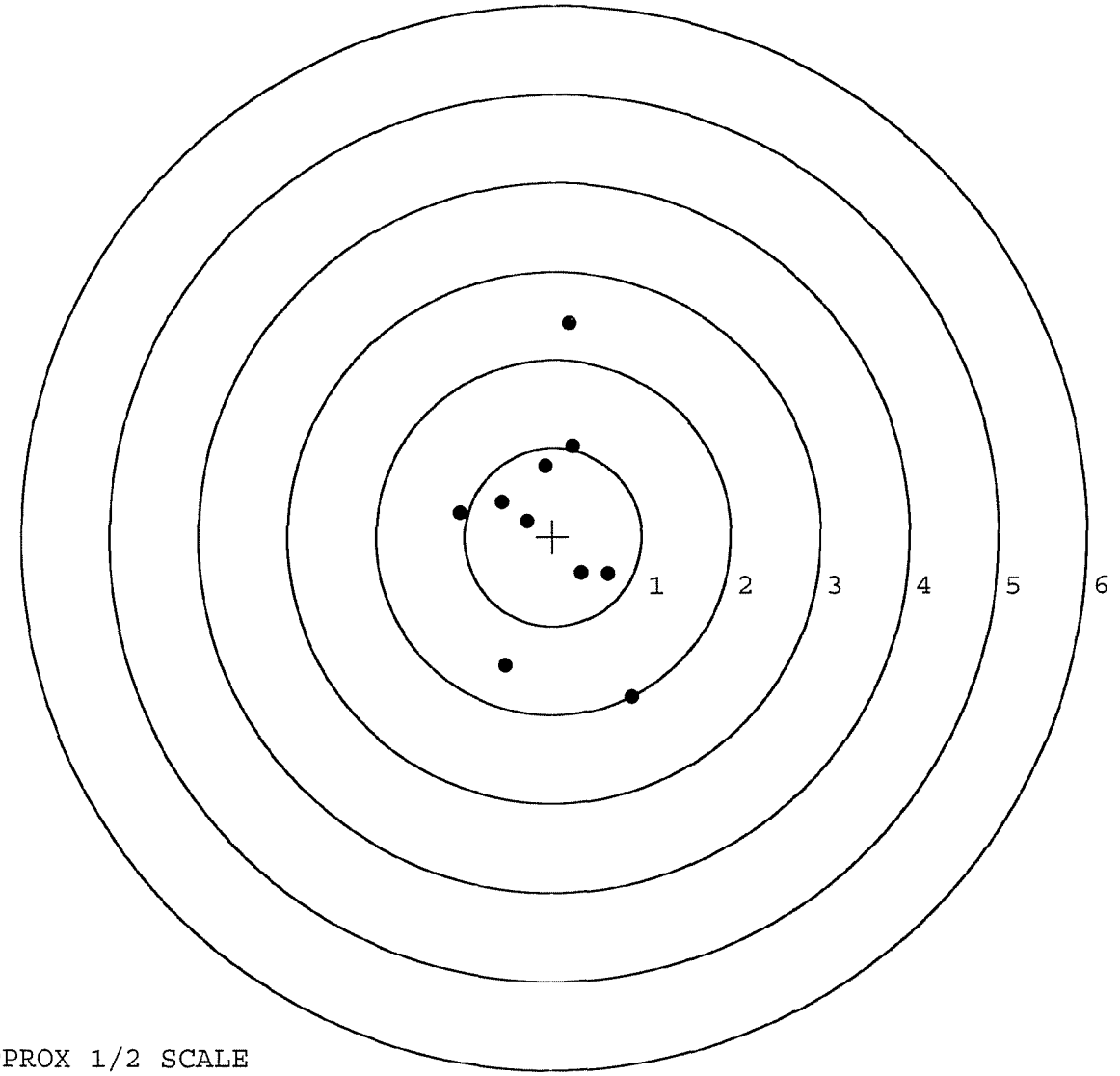


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498782.__0
TARGET NUMBER: 4
FILE DATE: 06/12/2006
FILE TIME: 17:01

X CENTROID:	-0.032
Y CENTROID:	0.098
POA TO CENTROID:	0.103
HORZ SPREAD:	1.954
VERT SPREAD:	4.210
GROUP SPREAD:	4.270
MIN RADIUS:	0.277
MAX RADIUS:	2.320
MEAN RADIUS:	1.112
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.897	-1.802
2:	-0.538	-1.449
3:	0.625	-0.419
4:	0.324	-0.410
5:	-0.298	0.174
6:	-0.584	0.393
7:	-1.057	0.266
8:	-0.087	0.798
9:	0.221	1.019
10:	0.181	2.408

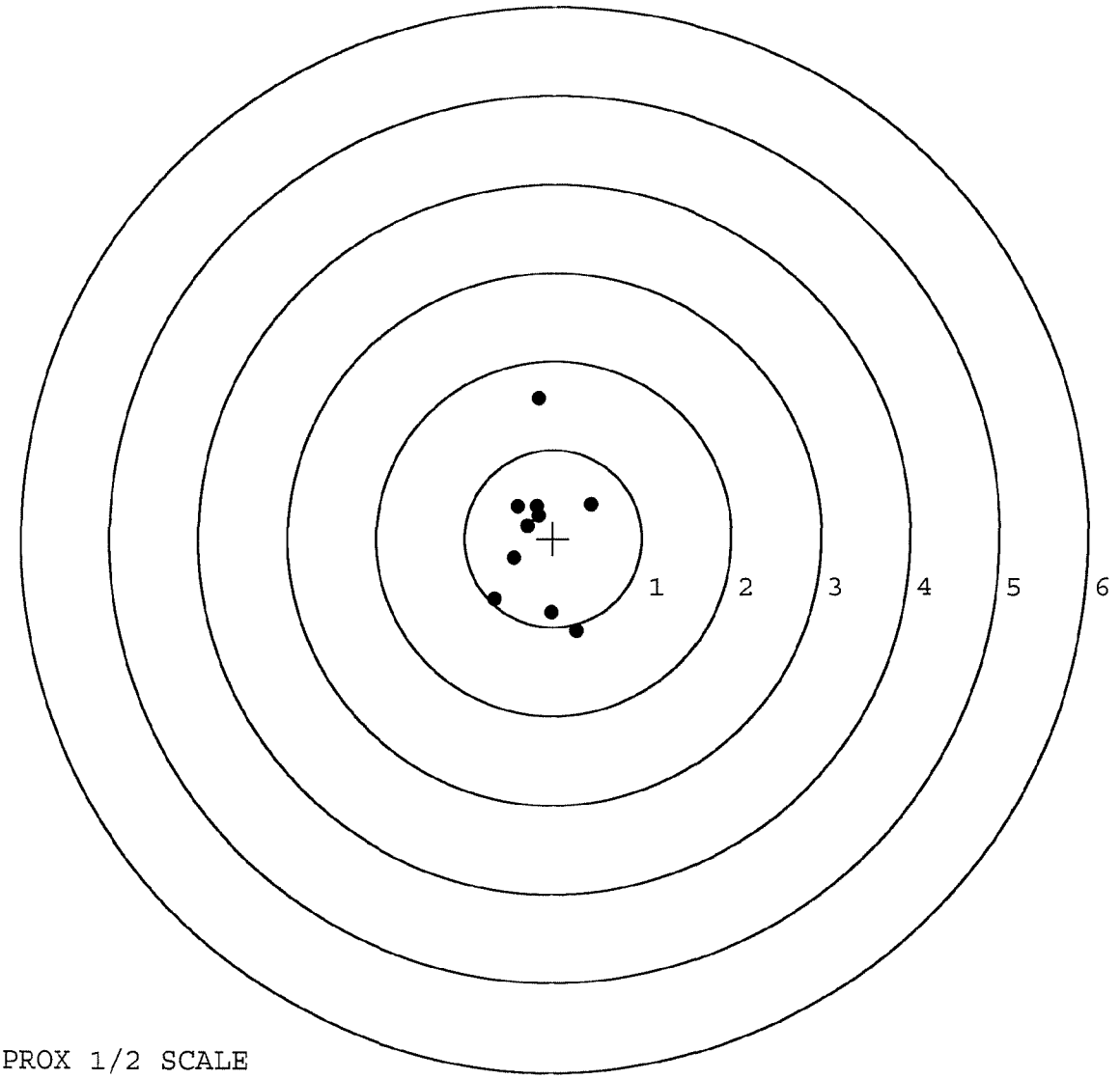


TARGET APPROX 1/2 SCALE

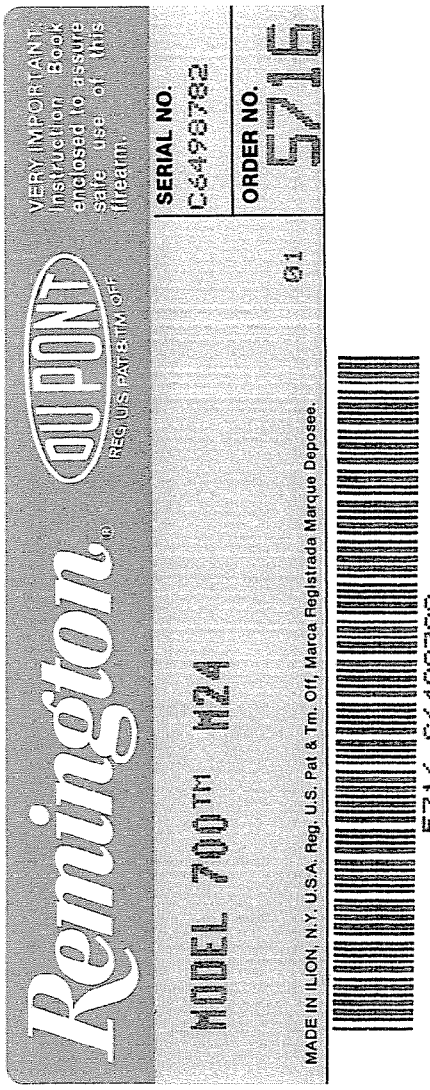
SERIAL NUMBER: C6498782.__0
TARGET NUMBER: 5
FILE DATE: 06/12/2006
FILE TIME: 17:01

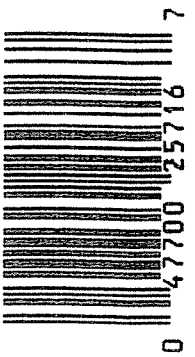
X CENTROID:	-0.167
Y CENTROID:	0.028
POA TO CENTROID:	0.170
HORZ SPREAD:	1.088
VERT SPREAD:	2.622
GROUP SPREAD:	2.658
MIN RADIUS:	0.171
MAX RADIUS:	1.547
MEAN RADIUS:	0.668
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.170	1.575
2:	0.424	0.382
3:	-0.173	0.260
4:	-0.413	0.361
5:	-0.295	0.142
6:	-0.441	-0.221
7:	-0.664	-0.692
8:	0.267	-1.047
9:	-0.017	-0.845
10:	-0.190	0.366



TARGET APPROX 1/2 SCALE


Remington
DU PONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT.
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700™ M24
SERIAL NO.
C6498782
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6498782


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498782

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KcR
	Magnaflux Bolt		5/22/90	KcR
615	Rollmark Caliber		5/22/90	G.S.
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		6-4-90	RA
	Apply Coating (Bolt)		6-4-90	RA
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	RA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/12/90	JH
	G) Safety Off Force	3	3	3			6/12/90	JH
	H) Trigger Pull Test & Retainability						6-11-90	JH
	I) Firing Pin Indent	.022	.023	.0225			6-11-90	WB
	J) Assemble Stock						6/14/90	RW
	K) Assemble Swivel Studs						6/18/90	WB
	L) Attach Front and Rear Sight Assemblies						6/14/90	RW
	M) Iron Sight Alignment						6/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/14/90	RW
	O) Attach Scope to Rifle						6/14/90	JH
	P) Detach & Attach Scope 20 Times						6/14/90	JH
640	Gallery Target & Test						6-14-90	D.H.
	A) Time						6-14-90	D.H.
	B) Malfunctions						6-14-90	D.H.
	C) Pierced Primers						6-14-90	D.H.
	D) Optical Clearity of Scope						6-14-90	D.H.
645	Inspect for Live Ammo						6-14-90	D.H.
655	Final Inspection A) Headspace						6/18/90	WB
	B) Trigger Pull	2.31	2.29	2.28	2.41	2.24	6/18/90	RW
	C) Function						6/18/90	WB
660	Pack						6-9-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498782
DATE 6-11-90
TESTER JJL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.14	2.25	2.31	MIN. SETTING,
PULL #2	2.26	2.43	2.20	2.29	NO AVG. OF 5
PULL #3	2.21	2.31	2.13	2.28	READINGS ACCEPT-
PULL #4	2.22	2.31	2.25	2.41	ABLE LESS THAN 2#
PULL #5	2.19	2.22	2.20	2.24	
TOTAL	11.28	11.41	11.03	11.53	
AVG.	2.256	2.282	2.206	2.31	

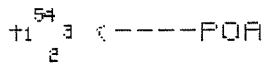
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.07		
PULL #2	3.14	3.29		
PULL #3	3.24	3.26		
PULL #4	3.28	3.19		
PULL #5	3.20	3.26		
TOTAL	16.06	15.98		
AVG.	3.212	3.196		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.26		4.37
PULL #2	4.09	4.31		4.26
PULL #3	4.30	4.32		4.35
PULL #4	4.25	4.16		4.28
PULL #5	4.19	4.21		4.28
TOTAL	21.00	21.26		21.54
AVG.	4.2			4.308

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498782
18 Jun 1990

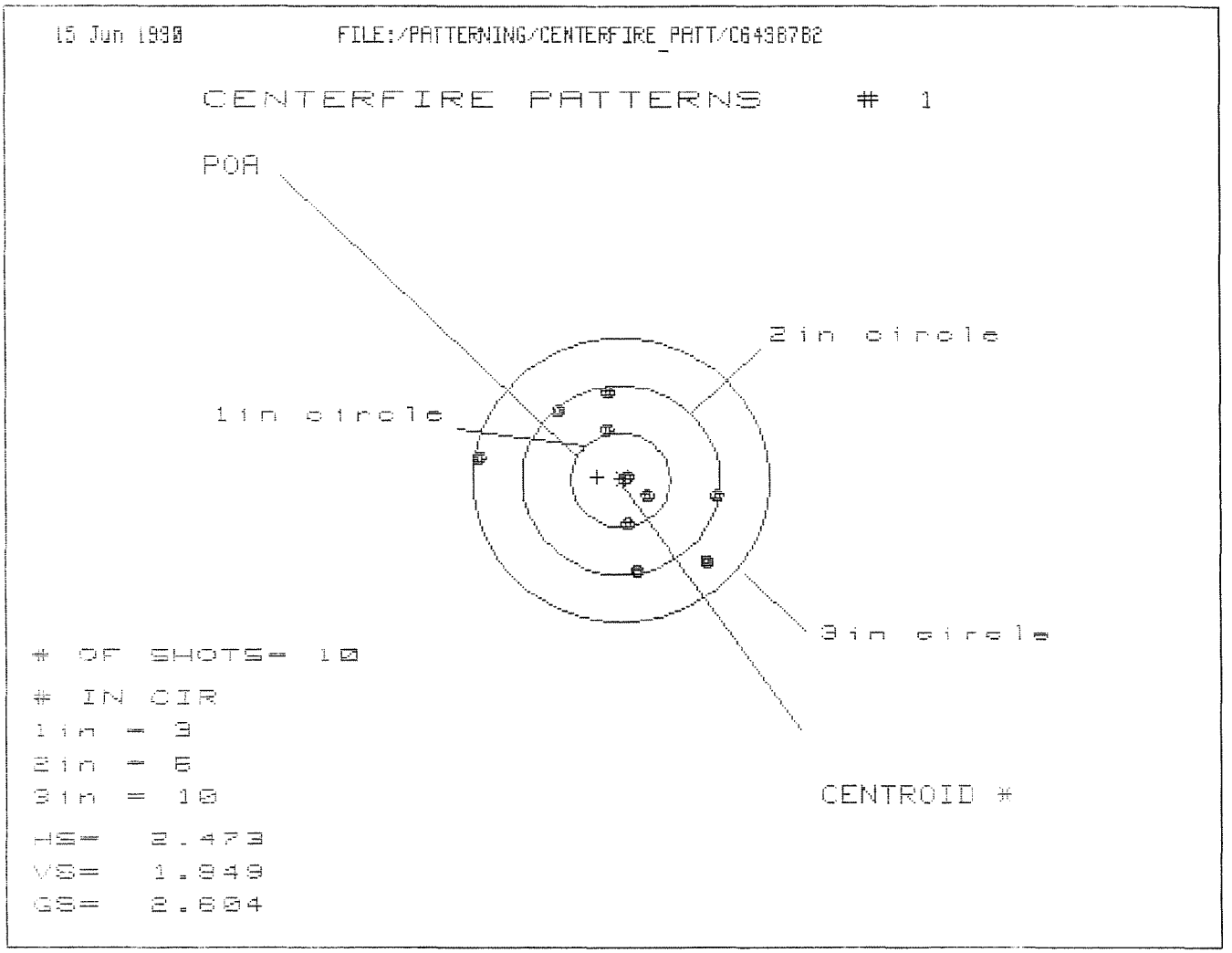
CENTROIDAL DISTANCES

Ø	TO	1	.236457
1	TO	2	.628314
1	TO	3	.752597
1	TO	4	.541026
1	TO	5	.421236

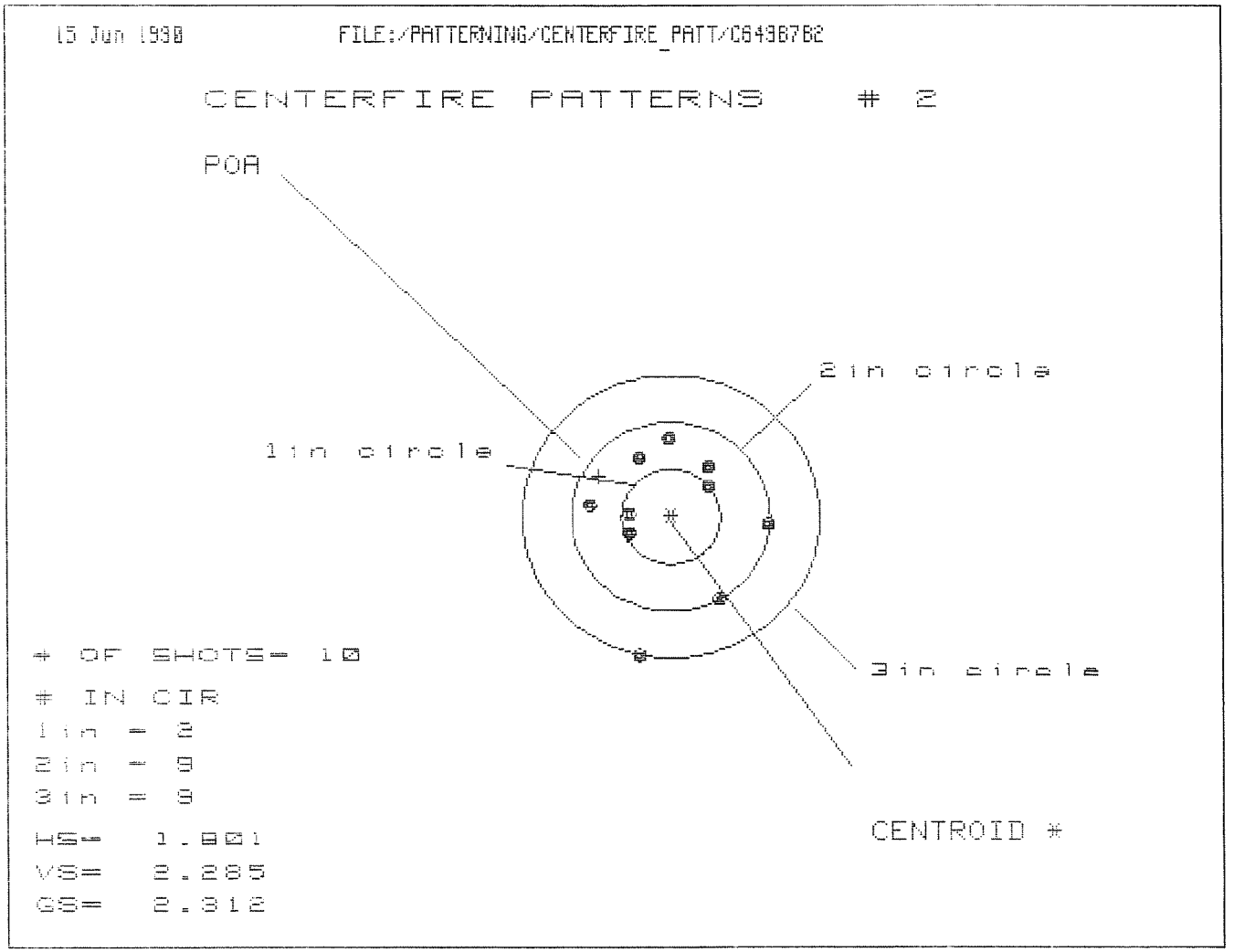


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .606
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0398
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .607306

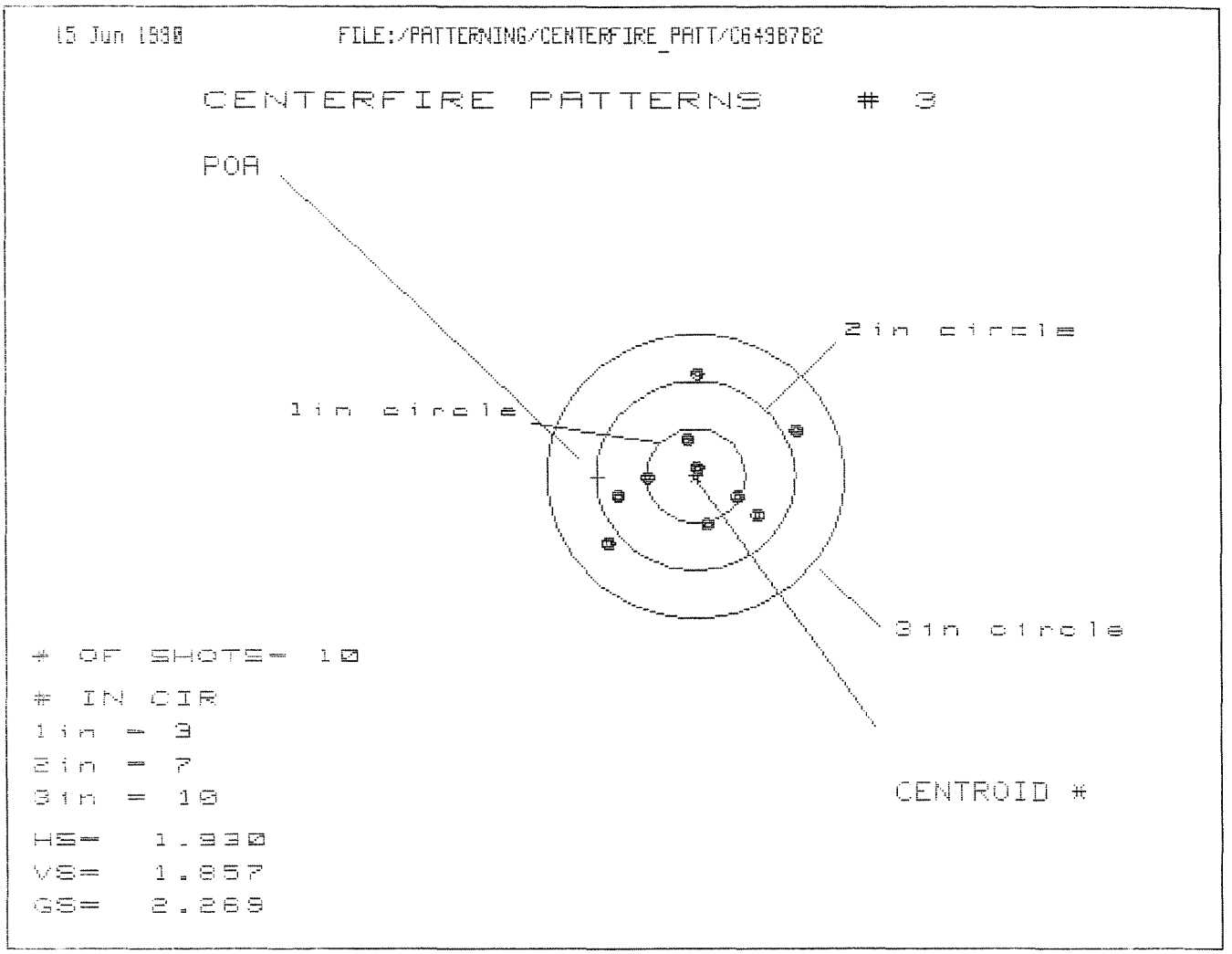
THE AMR FOR THIS RIFLE IS: .7952



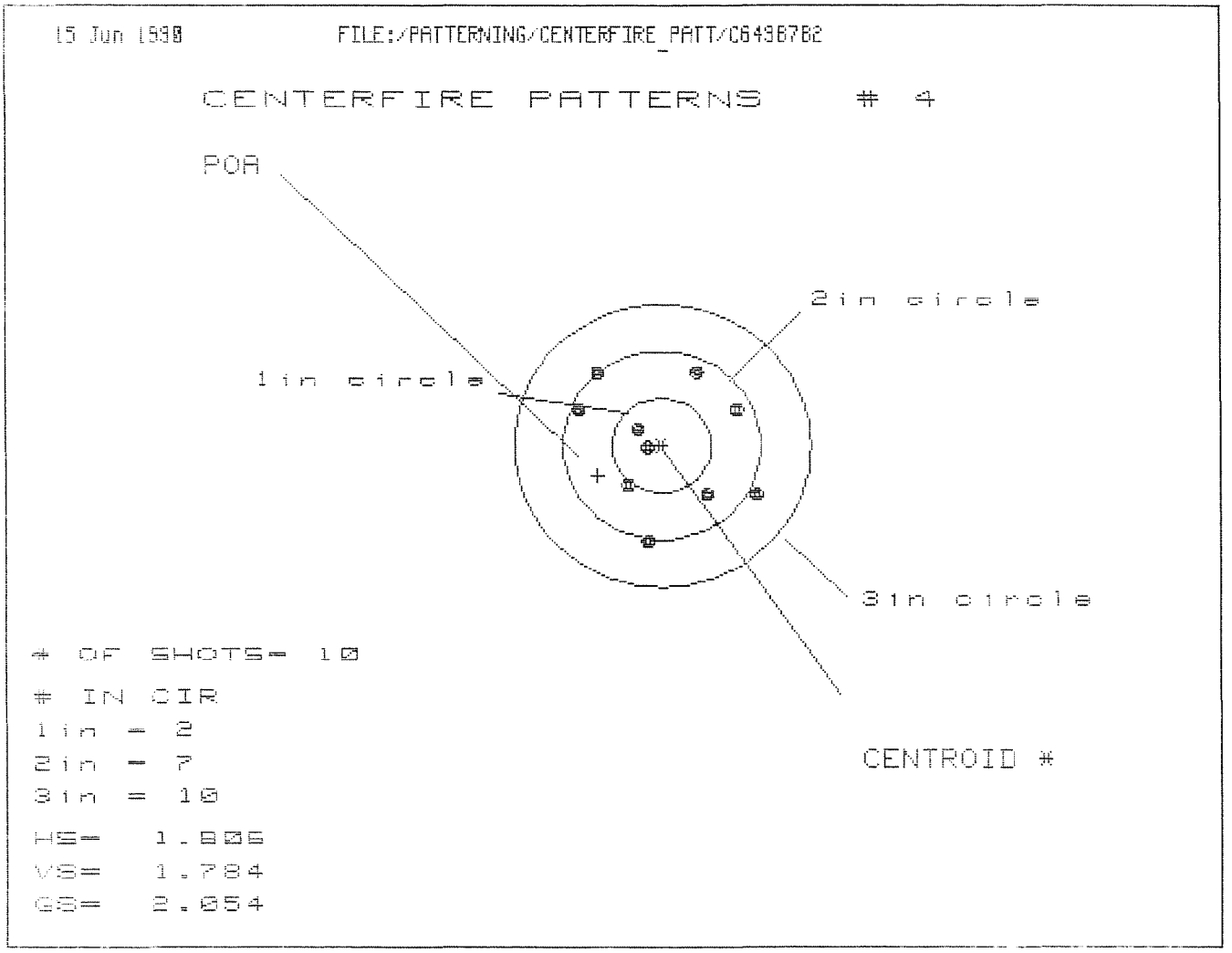
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.008	.845	.938
MINIMUM X	:	-1.465	-.824	-.731
MAXIMUM Y	:	.975	.998	.893
MINIMUM Y	:	-.974	-.951	-1.056
CENTROID X	:	.234	.397	.304
CENTROID Y	:	-.034	-.057	.048
POA TO CENTROID in.	:	.237	.401	.307
MIN RADIUS	:	.054	.125	.061
MEAN RADIUS	:	.810	.720	.667
MAX RADIUS	:	1.479	1.146	1.057
HORIZONTAL SPREAD	:	2.473	1.669	1.669
VERTICAL SPREAD	:	1.949	1.949	1.949
EXTREME SPREAD	:	2.604	2.269	1.971
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		



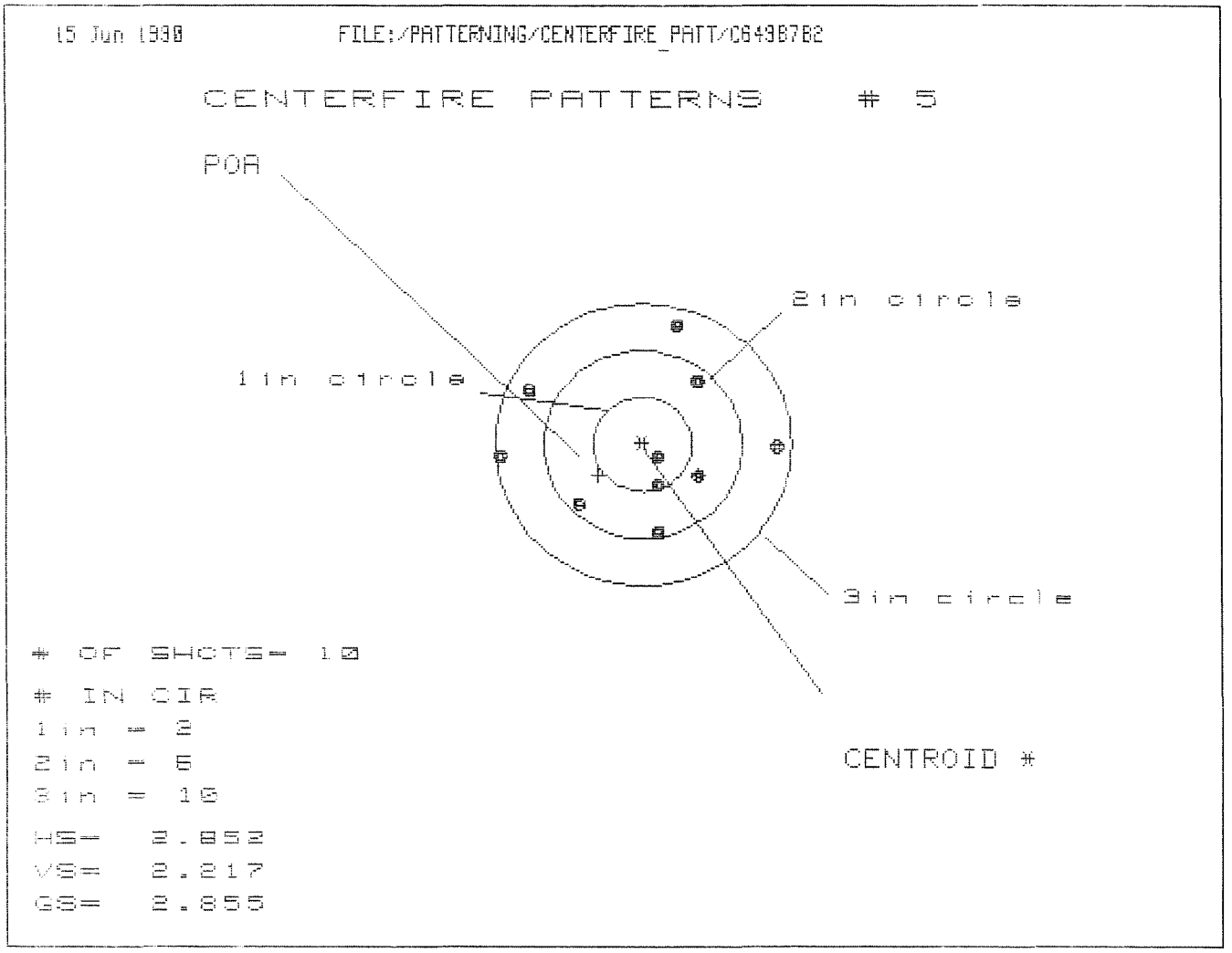
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.952	.916	.968
MINIMUM X	:	-.849	-.885	-.833
MAXIMUM Y	:	.817	.654	.523
MINIMUM Y	:	-1.468	-1.050	-.488
CENTROID X	:	.721	.757	.705
CENTROID Y	:	-.431	-.268	-.137
POA TO CENTROID in.	:	.840	.803	.718
MIN RADIUS	:	.398	.420	.438
MEAN RADIUS	:	.790	.683	.604
MAX RADIUS	:	1.503	1.128	1.022
HORIZONTAL SPREAD	:	1.801	1.801	1.801
VERTICAL SPREAD	:	2.285	1.704	1.011
EXTREME SPREAD	:	2.312	1.812	1.812
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.028	.927	.625
MINIMUM X	:	-.902	-.852	-.736
MAXIMUM Y	:	1.113	1.030	1.076
MINIMUM Y	:	-.744	-.581	-.535
CENTROID X	:	.985	1.086	.970
CENTROID Y	:	.015	.098	.052
POA TO CENTROID in.	:	.985	1.090	.971
MIN RADIUS	:	.128	.094	.096
MEAN RADIUS	:	.693	.635	.578
MAX RADIUS	:	1.170	1.031	1.079
HORIZONTAL SPREAD	:	1.930	1.779	1.361
VERTICAL SPREAD	:	1.857	1.611	1.611
EXTREME SPREAD	:	2.269	1.888	1.654
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.922	.845	.755
MINIMUM X	:	-.884	-.961	-.855
MAXIMUM Y	:	.791	.866	.817
MINIMUM Y	:	-.993	-.906	-.955
CENTROID X	:	.644	.721	.615
CENTROID Y	:	.319	.232	.281
POA TO CENTROID in.	:	.719	.757	.676
MIN RADIUS	:	.186	.257	.150
MEAN RADIUS	:	.744	.711	.662
MAX RADIUS	:	1.051	1.055	.961
HORIZONTAL SPREAD	:	1.806	1.806	1.610
VERTICAL SPREAD	:	1.784	1.772	1.772
EXTREME SPREAD	:	2.054	1.986	1.832
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.387	1.224	.547
MINIMUM X	:	-1.465	-1.292	-1.139
MAXIMUM Y	:	1.304	1.286	1.281
MINIMUM Y	:	-.913	-.931	-.936
CENTROID X	:	.446	.609	.456
CENTROID Y	:	.330	.348	.353
POA TO CENTROID in.	:	.555	.701	.577
MIN RADIUS	:	.152	.116	.160
MEAN RADIUS	:	.939	.857	.820
MAX RADIUS	:	1.474	1.408	1.331
HORIZONTAL SPREAD	:	2.852	2.516	1.686
VERTICAL SPREAD	:	2.217	2.217	2.217
EXTREME SPREAD	:	2.855	2.587	2.227
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	