C6225192

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

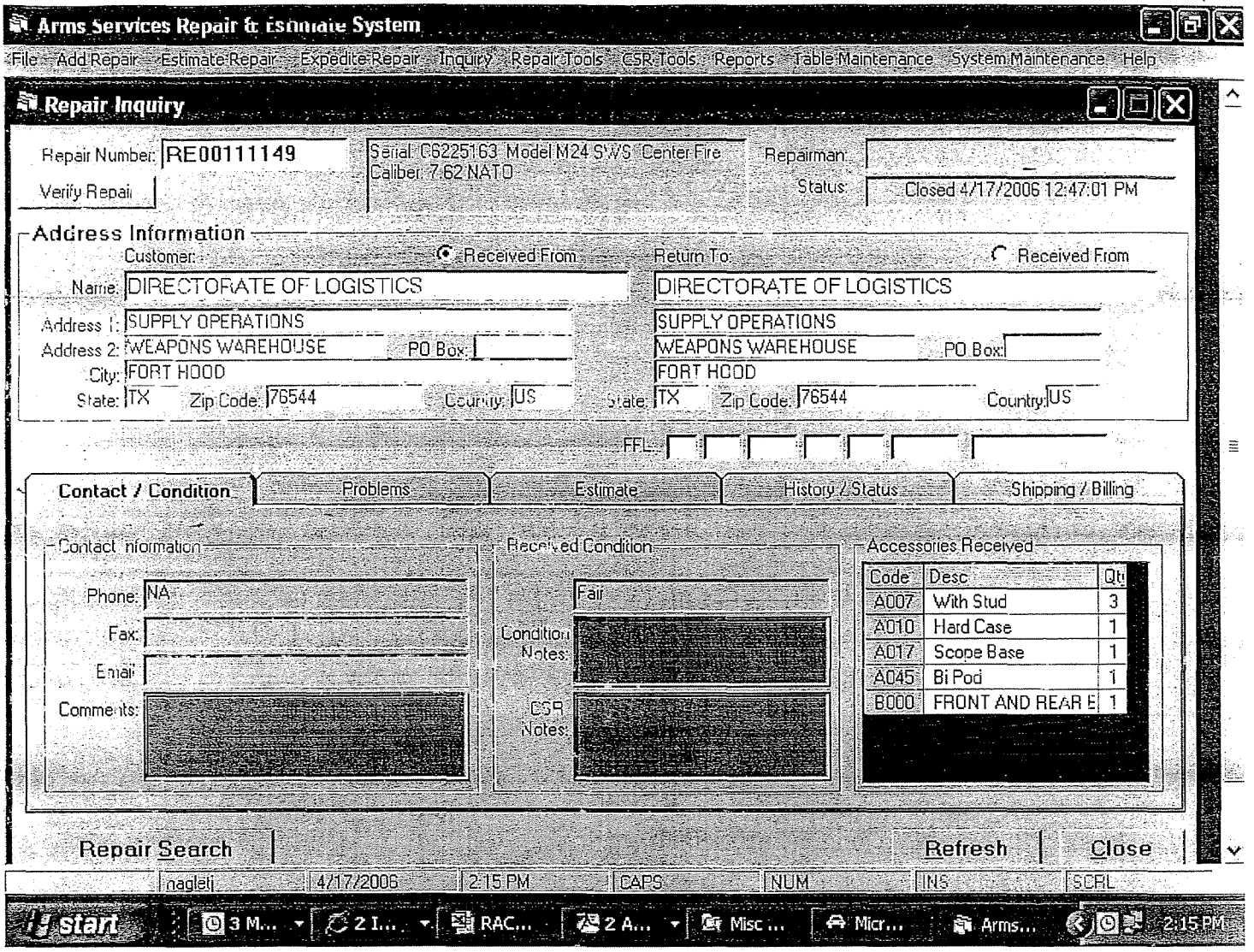
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Smead®


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: RE00111149
Verify Repair
Serial: C6225163 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 4/17/2006 12:47:01 PM
Address Information
Customer: Received From
Name: DIRECTORATE OF LOGISTICS
Address 1: SUPPLY OPERATIONS
Address 2: WEAPONS WAREHOUSE PO Box:
City: FORT HOOD
State: TX Zip Code: 76544 Country: US
Return To: Received From
DIRECTORATE OF LOGISTICS
SUPPLY OPERATIONS
WEAPONS WAREHOUSE PO Box:
FORT HOOD
State: TX Zip Code: 76544 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 Qty
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A045 Bi Pod 1
B000 FRONT AND REAR E 1
Repair Search
Refresh
Close
naglelj
4/17/2006
2:15 PM
CAPS
NUM
INS
SCRL
start
3 M...
2 I...
RAC...
2 A...
Misc ...
Micr...
Arms...
2:15 PM


Serial Number:
C6225192
Model: M24 SWS
RE00111150

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 4-17-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.43	256		247	
PULL #2	2.44	255		2.51	
PULL #3	2.46	258		256	
PULL #4	2.42	2.42		2.61	
PULL #5	250	246		2.51	
TOTAL	12.25	12.57		12.66	
AVERAGE	2.45	2.51		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	302		
PULL #2	303	298		
PULL #3	297	2.92		
PULL #4	308	2.95		
PULL #5	292	2.93		
TOTAL	15.09	14.80		
AVERAGE	3.01	2.96		

	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	4.12	4.13		4.03
PULL #2	4.17	422		4.05
PULL #3	4.19	4.18		4.13
PULL #4	4.18	4.26		4.12
PULL #5	4.20	431		4.18
TOTAL	20.86	21.10		20.51
AVERAGE	4.17	4.22		4.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225192.__0
FILE DATE AND TIME: 06/05/2006 08:35

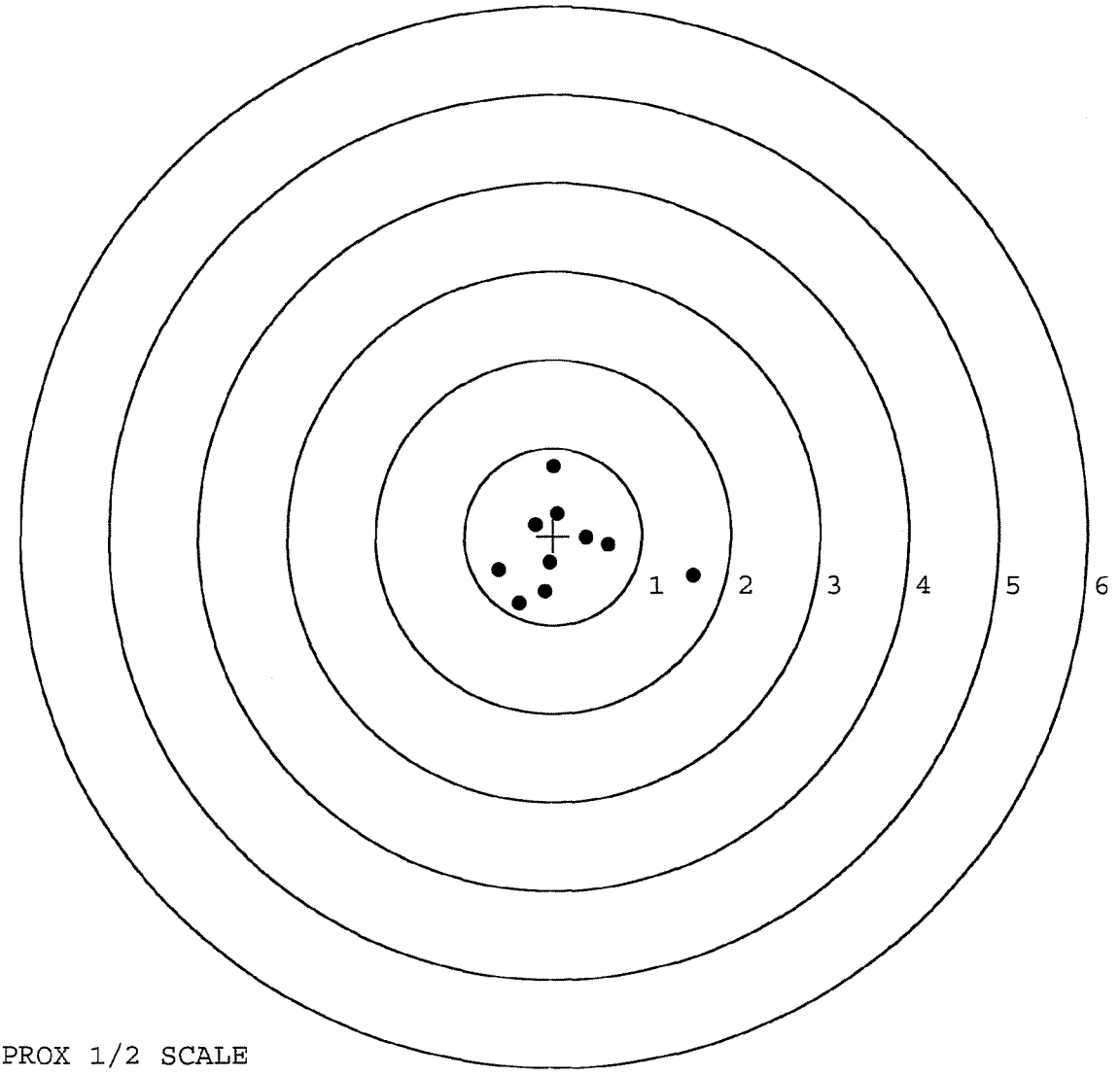
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.088
The Average Y Centroid of the Five Target Set:	-0.090
The Average Point of Impact of the Five Target Set:	0.126
The Average Mean Radius of the Five Target Set:	0.667
The Distance from POA to Centroid Target #1:	0.198
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.091
The Distance from Centroid Target #4 to Centroid Target #1:	0.210
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

SERIAL NUMBER: C6225192.__0
TARGET NUMBER: 1
FILE DATE: 06/05/2006
FILE TIME: 08:35

X CENTROID:	0.131
Y CENTROID:	-0.148
POA TO CENTROID:	0.198
HORZ SPREAD:	2.189
VERT SPREAD:	1.557
GROUP SPREAD:	2.190
MIN RADIUS:	0.230
MAX RADIUS:	1.474
MEAN RADIUS:	0.637
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.576	-0.442
2:	0.626	-0.098
3:	-0.087	-0.632
4:	-0.375	-0.764
5:	-0.613	-0.391
6:	-0.040	-0.302
7:	0.012	0.793
8:	-0.206	0.120
9:	0.049	0.250
10:	0.369	-0.018

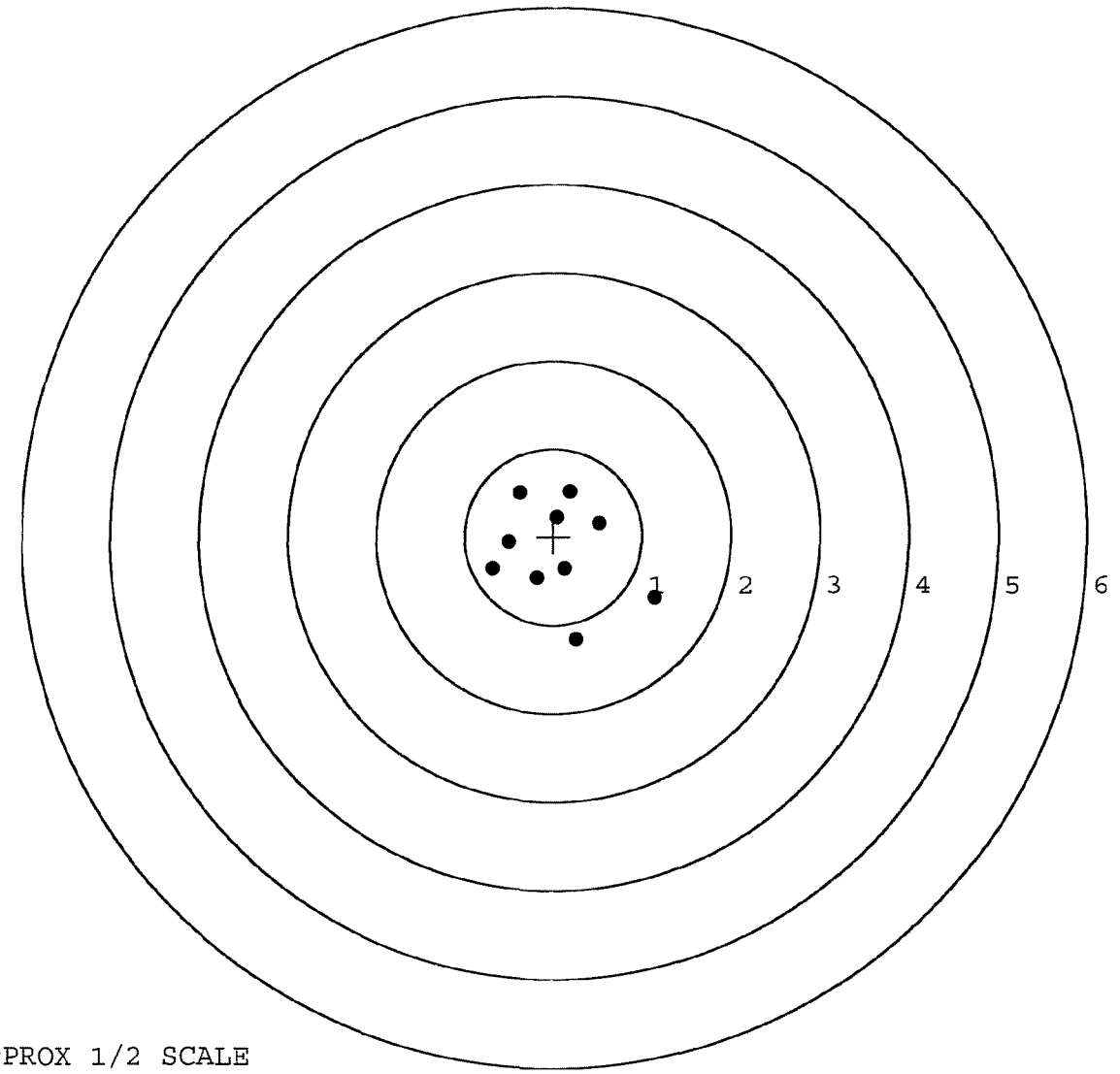


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225192.__0
TARGET NUMBER: 2
FILE DATE: 06/05/2006
FILE TIME: 08:35

X CENTROID:	0.055
Y CENTROID:	-0.174
POA TO CENTROID:	0.182
HORZ SPREAD:	1.826
VERT SPREAD:	1.678
GROUP SPREAD:	1.938
MIN RADIUS:	0.204
MAX RADIUS:	1.209
MEAN RADIUS:	0.660
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.143	-0.699
2:	0.260	-1.162
3:	0.134	-0.362
4:	-0.183	-0.469
5:	-0.502	-0.069
6:	-0.683	-0.372
7:	0.519	0.155
8:	0.045	0.226
9:	0.191	0.516
10:	-0.379	0.500



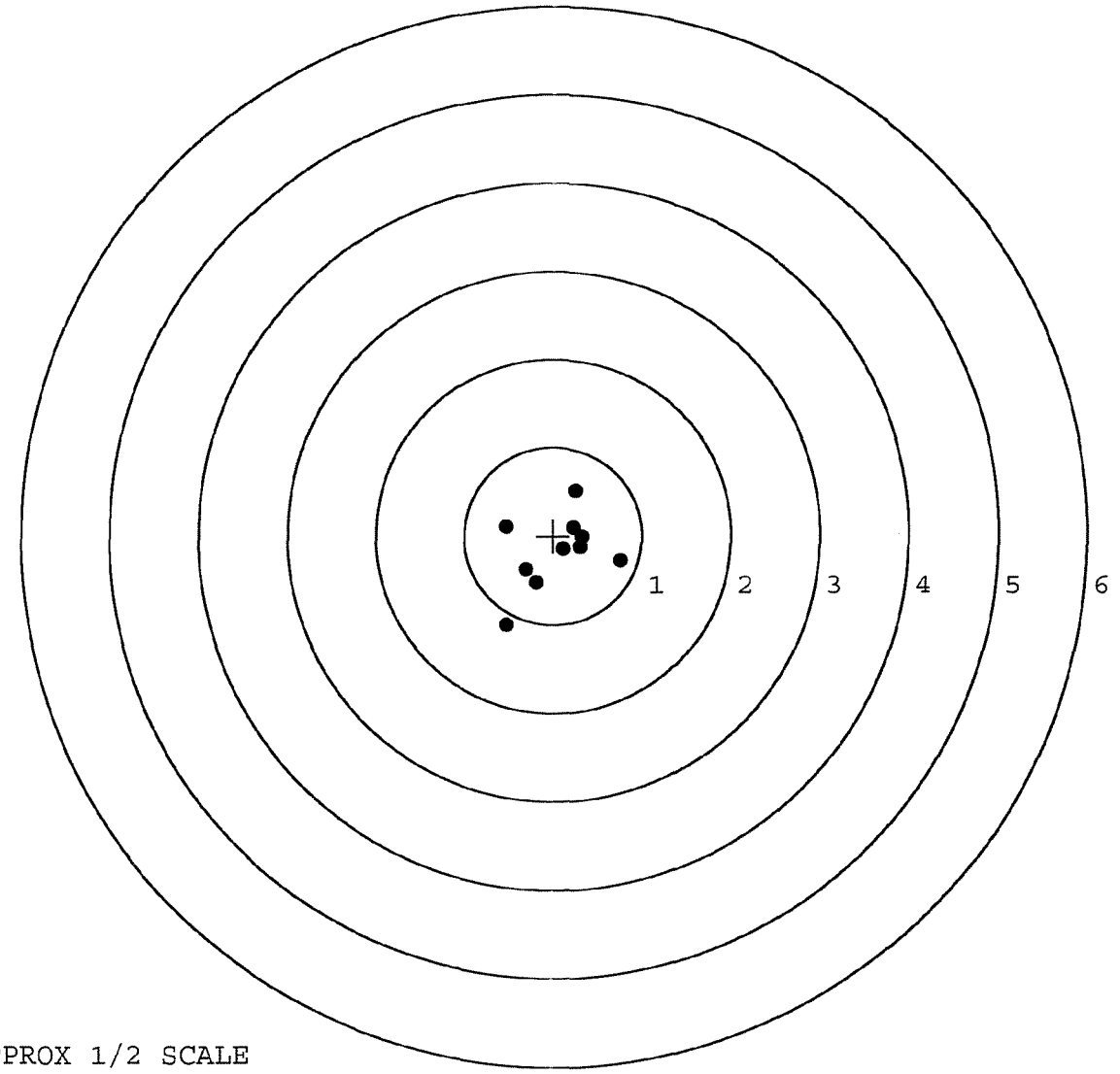
TARGET APPROX 1/2 SCALE

BARBER - M24 0010287

SERIAL NUMBER: C6225192.__0
TARGET NUMBER: 3
FILE DATE: 06/05/2006
FILE TIME: 08:35

X CENTROID:	0.045
Y CENTROID:	-0.177
POA TO CENTROID:	0.182
HORZ SPREAD:	1.294
VERT SPREAD:	1.520
GROUP SPREAD:	1.709
MIN RADIUS:	0.081
MAX RADIUS:	1.011
MEAN RADIUS:	0.492
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.524	-1.013
2:	0.762	-0.276
3:	0.257	0.507
4:	0.231	0.099
5:	0.326	-0.009
6:	0.302	-0.122
7:	0.120	-0.147
8:	-0.188	-0.529
9:	-0.305	-0.381
10:	-0.532	0.104

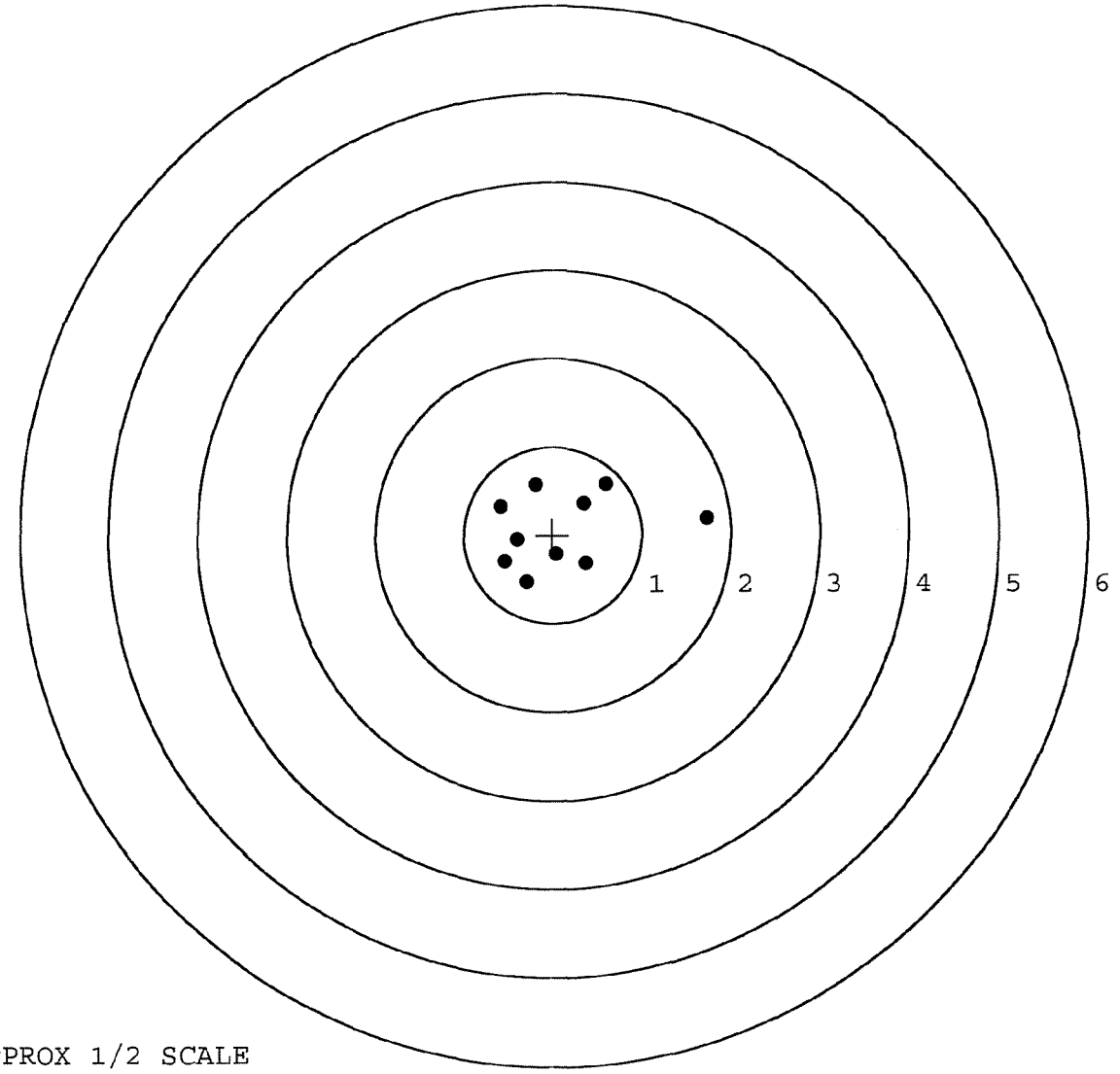


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225192.__0
TARGET NUMBER: 4
FILE DATE: 06/05/2006
FILE TIME: 08:35

X CENTROID:	0.107
Y CENTROID:	0.060
POA TO CENTROID:	0.123
HORZ SPREAD:	2.314
VERT SPREAD:	1.121
GROUP SPREAD:	2.318
MIN RADIUS:	0.285
MAX RADIUS:	1.623
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.724	0.196
2:	0.599	0.582
3:	0.350	0.362
4:	-0.200	0.572
5:	-0.590	0.324
6:	0.374	-0.315
7:	0.040	-0.217
8:	-0.398	-0.056
9:	-0.292	-0.539
10:	-0.539	-0.306

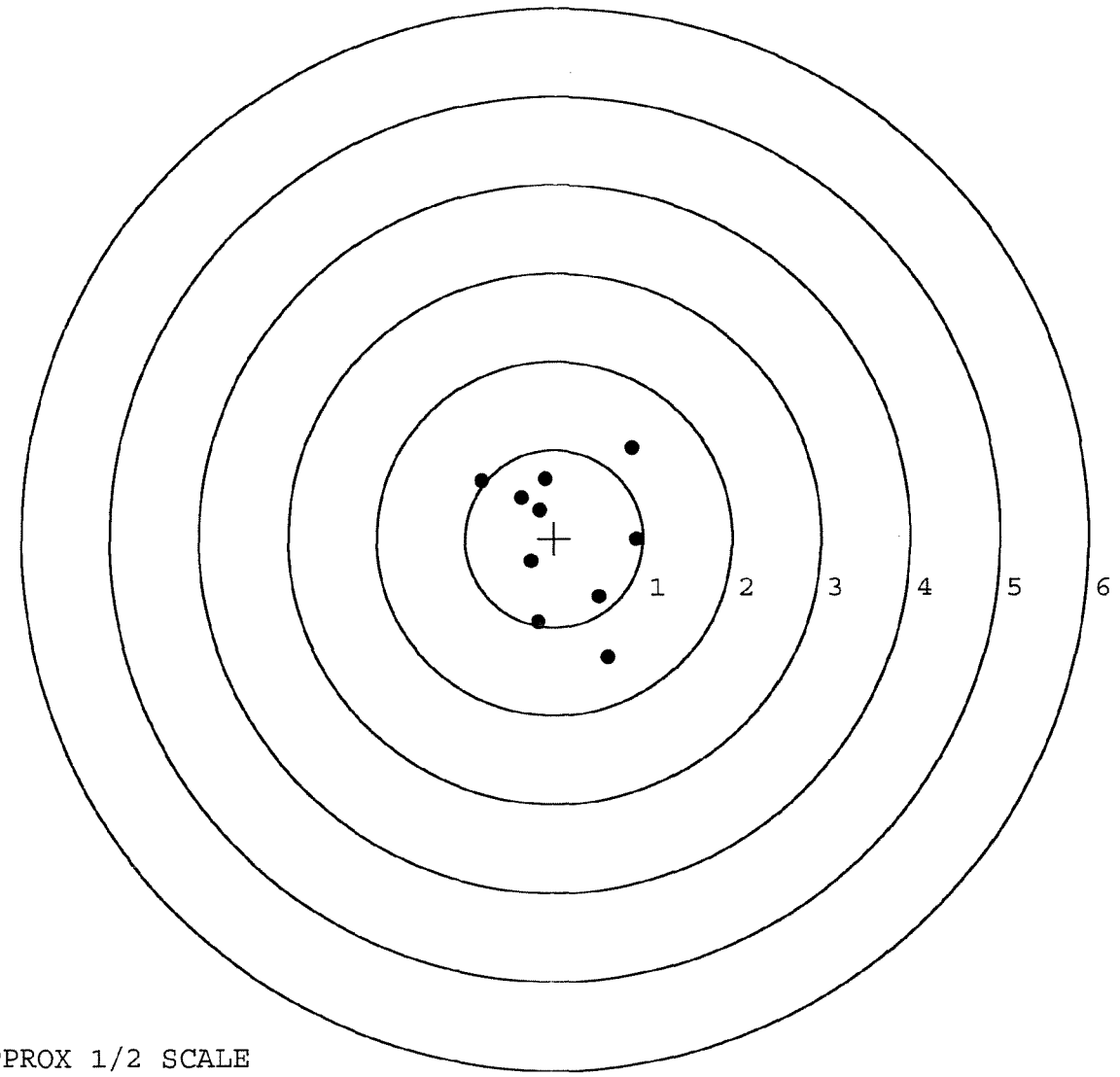


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225192.__0
TARGET NUMBER: 5
FILE DATE: 06/05/2006
FILE TIME: 08:35

X CENTROID:	0.104
Y CENTROID:	-0.010
POA TO CENTROID:	0.105
HORZ SPREAD:	1.740
VERT SPREAD:	2.364
GROUP SPREAD:	2.449
MIN RADIUS:	0.421
MAX RADIUS:	1.426
MEAN RADIUS:	0.864
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.875	1.022
2:	-0.101	0.671
3:	-0.162	0.316
4:	-0.373	0.455
5:	-0.814	0.647
6:	0.926	-0.010
7:	0.511	-0.654
8:	-0.257	-0.261
9:	-0.179	-0.947
10:	0.615	-1.342

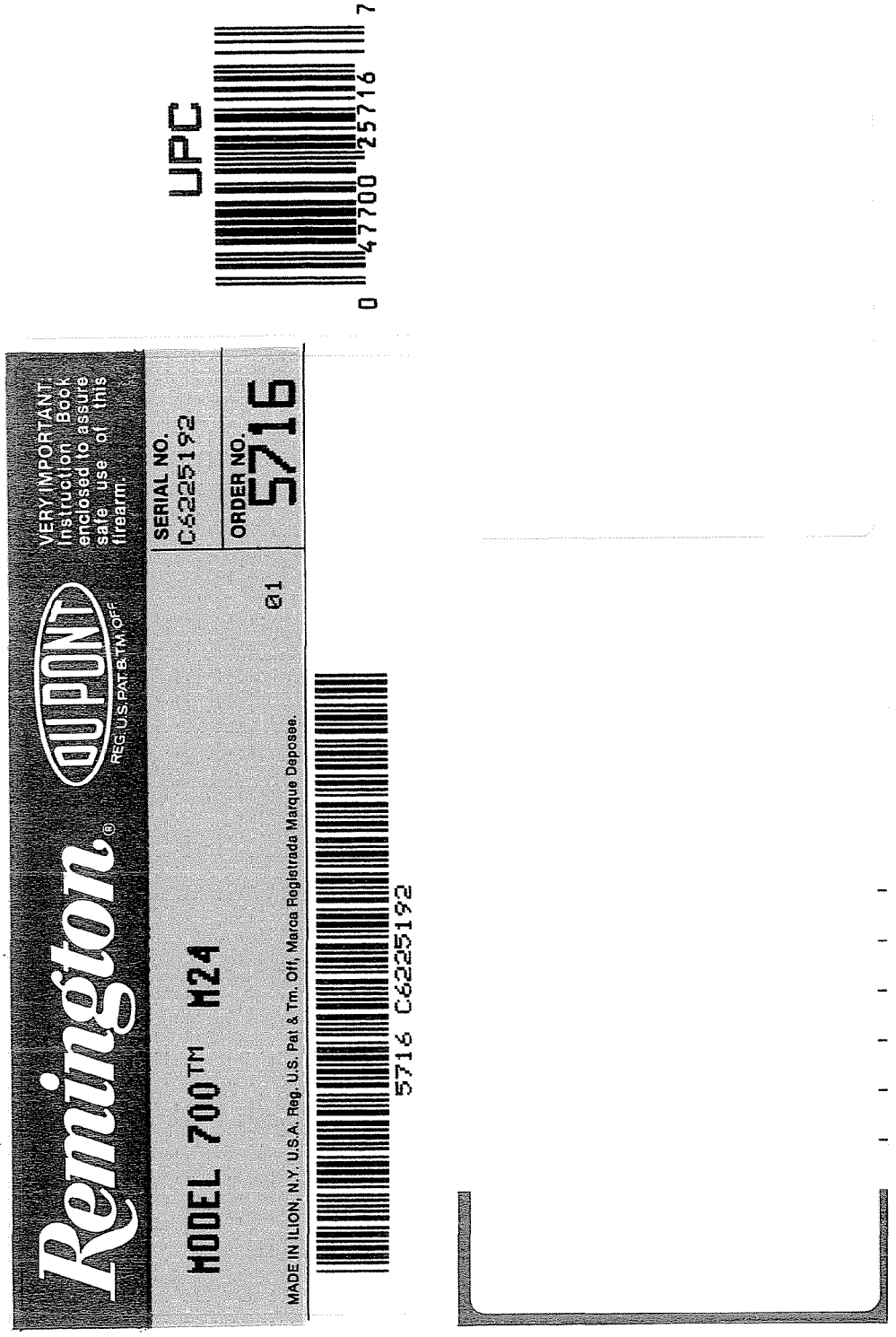


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	111150
SERIAL NUMBER	CL622 5192
LOG-IN DATE	4-17-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-18-06	RTL
505	RE-BARREL		4-20-06	RTL
560	ASSEMBLE		4-20-06	RTL
600	PROOF MAGNA-FLUX INSPECTED MAY 0 8 2006	MAGNA-FLUX INSPECTED APR 2 4 2006	4-20-06	RTL
605	CHECK HEADSPACE		4-20-06	RTL
610	DIS-ASSEMBLE GUN		4-20-06	RTL
612	MAGNAFLUX OPERATOR OPD	OPERATOR [illegible]	4/21/06	[illegible]
510	DRILL AND TAP		4-21-06	TRW
615	ROLLMARK CALIBER	5/8/06 CW	4-21-06	CW
618	ROTO-BLAST	5-8-06 LB	4-21-06	LB
620	APPLY COATINGS	5/11/06 RB	4/25/06	RB
625	FINAL ASSEMBLY		6-2-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	6-5-06	TRW
650	TARGET	(PASS) FAIL	6-5-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	6-5-06	R.P.
670	FINAL INSPECTION			
	A) HEADSPACE	(PASS) FAIL	6-26-06	BLG
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.50 2.75 2.75 2.75 2.90		BLG
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6 lb 5 lb 6 lb		BLG
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lb 3 lb. 3 lb		BLG
	I) FIRING PIN INDENT (.020)	.0215 .022 .023		BLG
690	PACK		6-27-06	DA


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700 TM M24
SERIAL NO.
C6225192
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6225192
UPC
0 47700 25716 7

M-24

Scope 0549

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225192

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCK
	Magnaflux Bolt		4/27	KCK
615	Rollmark Caliber		4/27	YA
617	Drill and Tap Sight Holes	4 27	89	YB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/15/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/17/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/17/89	RW
	C) Inspect Ejector Hole for Chamfer		5/17/89	RW
	D) Oil Firing Pin Ass'y		5/17/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/23/89	YB

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	5/23/89	WB
	G) Safety Off Force	2 3/4 | 2 3/4 | 2 1/2	5/23/89	WB
	H) Trigger Pull Test & Retainability		5/23/89	WB
	I) Firing Pin Indent	.022 | .0212 | .0217	5/23/89	WB
	J) Assemble Stock		5/24/89	RW
	K) Assemble Swivel Studs		25May89	SS
	L) Attach Front and Rear Sight Assemblies		5/24/89	RW
	M) Iron Sight Alignment		5/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container		5/24/89	RW
	O) Attach Scope to Rifle		5/24/89	JL
	P) Detach & Attach Scope 20 Times		6/24/89	JL
640	Gallery Target & Test	87 12 GSL	5/24/89	DH
	A) Time		5/24/89	DH
	B) Malfunctions		5/24/89	DH
	C) Pierced Primers		5/24/89	DH
	D) Optical Clearity of Scope		5/24/89	DH
645	Inspect for Live Ammo		5/24/89	DH
655	Final Inspection A) Headspace		25May89	SS
	B) Trigger Pull	2.66 | 2.59 | 2.68 | 2.57 | 2.41	25May89	SS
	C) Function		25May89	SS
660	Pack		26June89	SS

SWS TRIGGER PULL TEST

5193

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

SERIAL NO. ~~C622596~~
DATE 5-24-89
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.51	2.48	2.63	MIN. SETTING,
PULL #2	2.51	2.42	2.43	2.74	NO AVG. OF 5
PULL #3	2.59	2.45	2.46	2.76	READINGS ACCEPT-
PULL #4	2.58	2.40	2.42	2.69	ABLE LESS THAN 2#
PULL #5	2.56	2.45	2.38	2.79	
TOTAL	12.70	12.23	12.17	13.71	
AVG.	2.54	2.44	2.43	2.742	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.05		
PULL #2	3.25	3.12		
PULL #3	3.15	3.04		
PULL #4	3.31	3.11		
PULL #5	3.16	3.16		
TOTAL	16.15	15.48		
AVG.	3.23	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.11		3.98
PULL #2	4.27	4.11		4.16
PULL #3	4.39	4.00		4.05
PULL #4	4.35	4.04		4.20
PULL #5	4.29	4.05		4.05
TOTAL	21.63	20.31		20.44
AVG.	4.32	4.06		4.09

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225192
30 May 1989

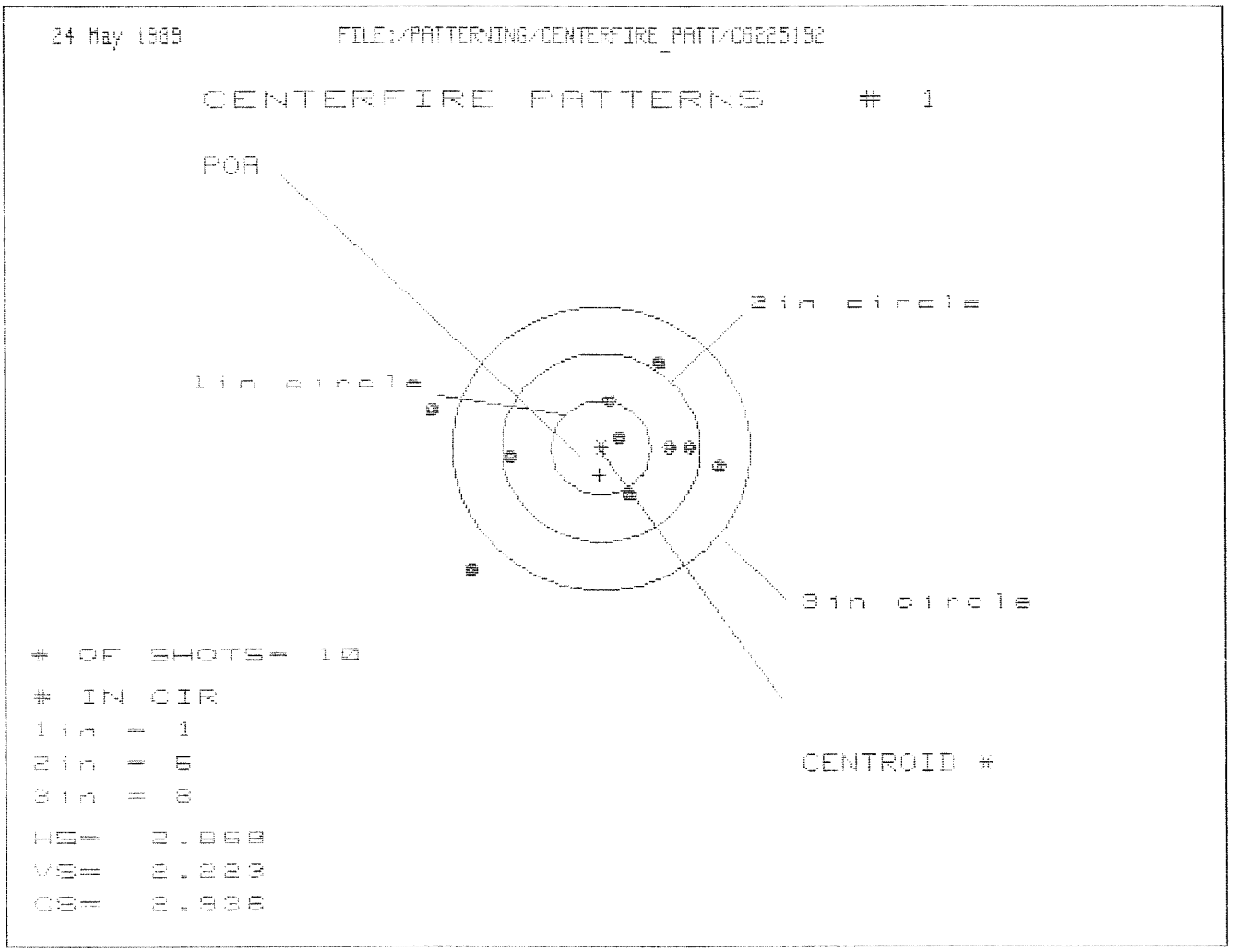
CENTROIDAL DISTANCES

Ø	TO	1	.291337
1	TO	2	.446426
1	TO	3	.222928
1	TO	4	.0778332
1	TO	5	.349871

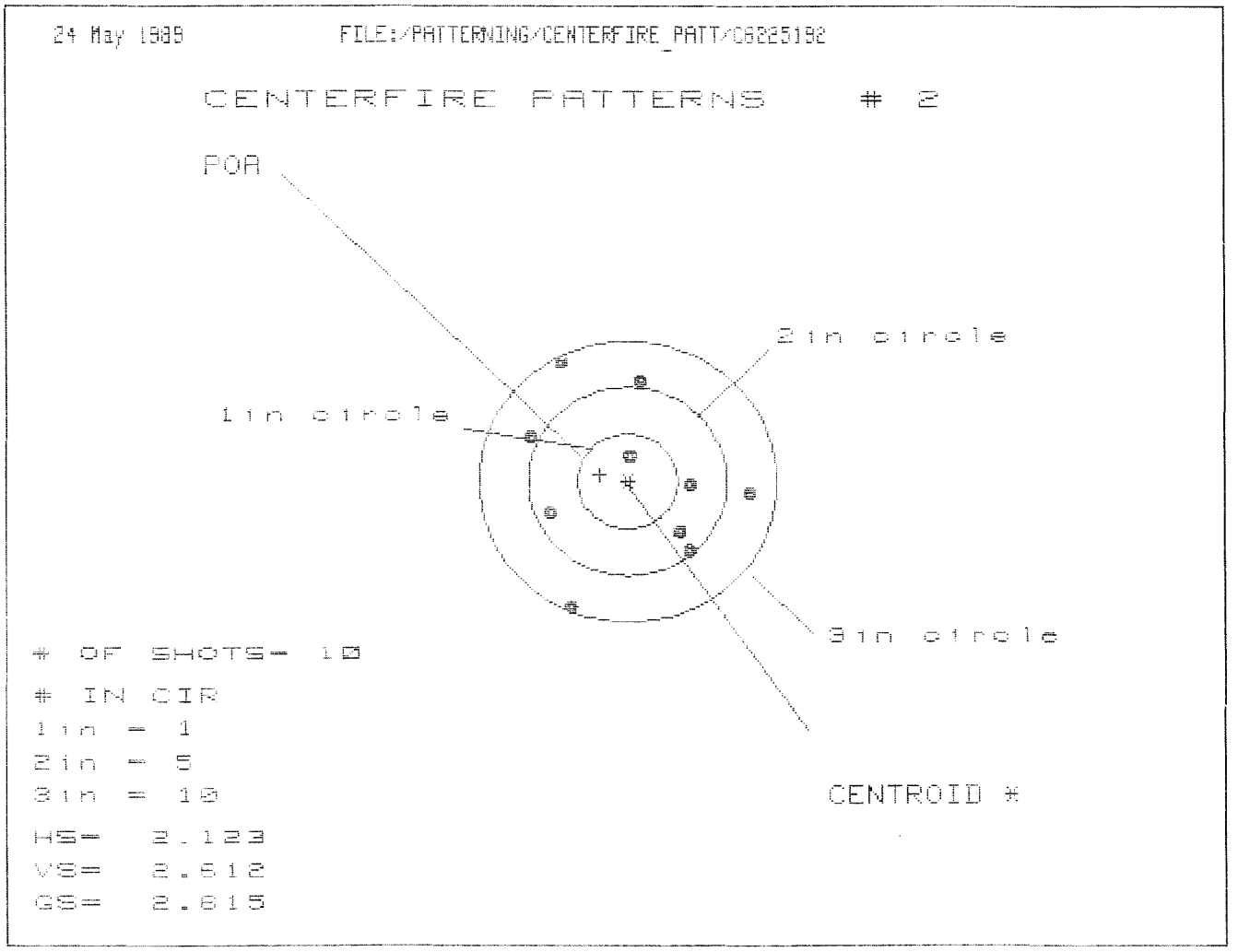
5½ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .167
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .167569

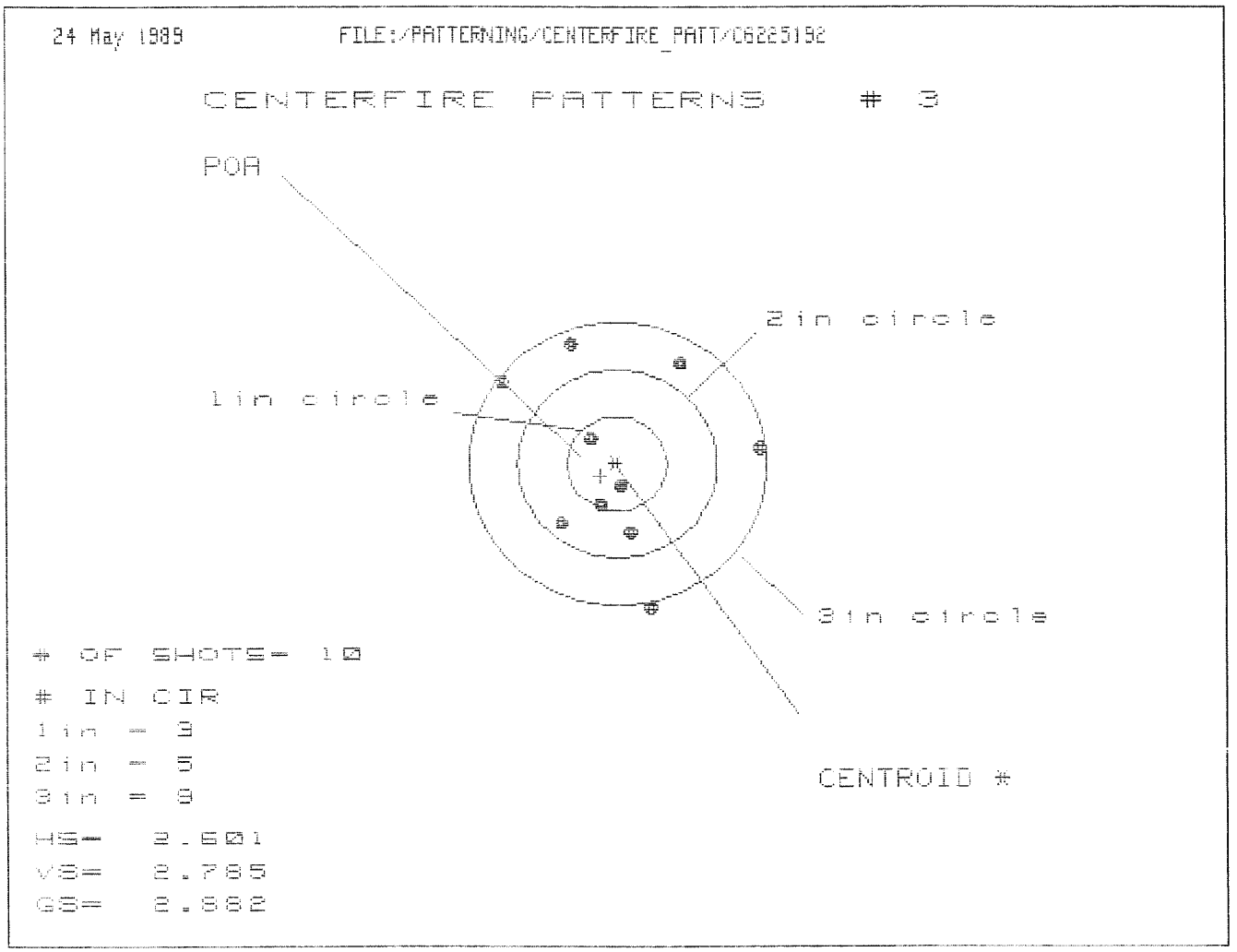
THE AMR FOR THIS RIFLE IS: .961



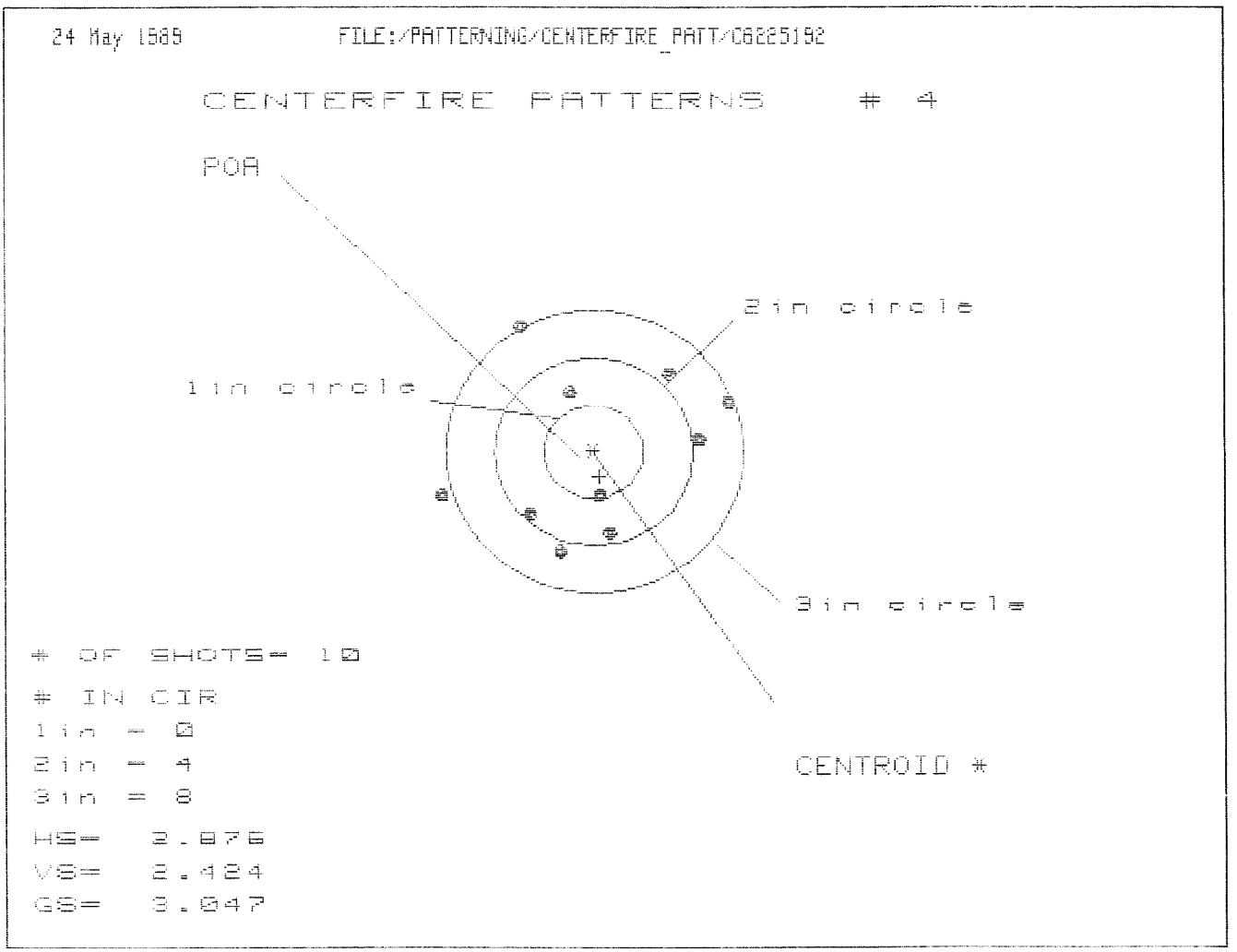
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.155	1.007	.775
MINIMUM X	:	-1.713	-1.861	-1.267
MAXIMUM Y	:	.912	.766	.804
MINIMUM Y	:	-1.311	-.620	-.582
CENTROID X	:	.014	.162	.394
CENTROID Y	:	.291	.437	.399
POA TO CENTROID in.	:	.291	.465	.561
MIN RADIUS	:	.265	.088	.148
MEAN RADIUS	:	.971	.812	.631
MAX RADIUS	:	1.867	1.884	1.277
HORIZONTAL SPREAD	:	2.868	2.868	2.042
VERTICAL SPREAD	:	2.223	1.386	1.386
EXTREME SPREAD	:	2.936	2.936	2.046
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		



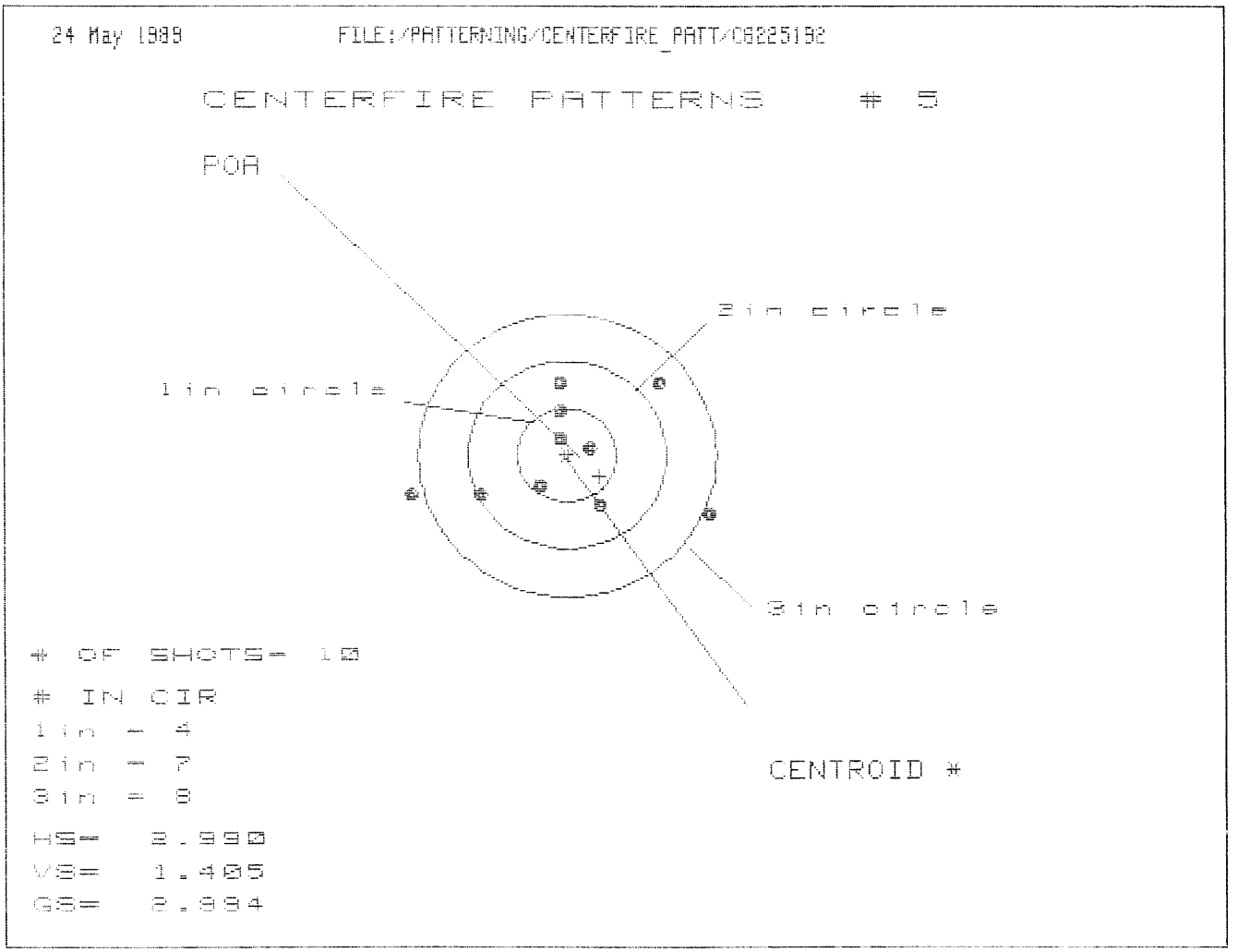
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.189	1.109	1.025
MINIMUM X	:	-.934	-1.014	-1.098
MAXIMUM Y	:	1.307	1.223	1.078
MINIMUM Y	:	-1.305	-1.160	-.755
CENTROID X	:	.278	.358	.442
CENTROID Y	:	-.069	-.214	-.069
POA TO CENTROID in.	:	.287	.417	.448
MIN RADIUS	:	.226	.383	.291
MEAN RADIUS	:	.969	.900	.826
MAX RADIUS	:	1.492	1.341	1.198
HORIZONTAL SPREAD	:	2.123	2.123	2.123
VERTICAL SPREAD	:	2.612	2.383	1.833
EXTREME SPREAD	:	2.615	2.476	2.216
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.504	.900
MINIMUM X	:	-1.130	-1.097	-.909
MAXIMUM Y	:	1.290	1.124	1.119
MINIMUM Y	:	-1.495	-.931	-.936
CENTROID X	:	.165	.132	-.056
CENTROID Y	:	.127	.293	.298
POA TO CENTROID in.	:	.208	.321	.303
MIN RADIUS	:	.235	.291	.123
MEAN RADIUS	:	.976	.927	.827
MAX RADIUS	:	1.525	1.505	1.270
HORIZONTAL SPREAD	:	2.601	2.601	1.809
VERTICAL SPREAD	:	2.785	2.055	2.055
EXTREME SPREAD	:	2.882	2.693	2.142
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.382	1.216	1.104
MINIMUM X	:	-1.494	-.893	-.934
MAXIMUM Y	:	1.371	1.323	.903
MINIMUM Y	:	-1.053	-1.101	-.936
CENTROID X	:	-.059	.107	.219
CENTROID Y	:	.264	.312	.147
POA TO CENTROID in.	:	.271	.330	.264
MIN RADIUS	:	.505	.547	.417
MEAN RADIUS	:	1.078	1.016	.920
MAX RADIUS	:	1.556	1.596	1.301
HORIZONTAL SPREAD	:	2.876	2.109	2.038
VERTICAL SPREAD	:	2.424	2.424	1.839
EXTREME SPREAD	:	3.047	2.461	2.379
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.441	1.269	.943
MINIMUM X	:	-1.549	-1.083	-.925
MAXIMUM Y	:	.790	.738	.655
MINIMUM Y	:	-.615	-.667	-.664
CENTROID X	:	-.329	-.157	-.315
CENTROID Y	:	.222	.274	.357
POA TO CENTROID in.	:	.397	.316	.477
MIN RADIUS	:	.192	.055	.074
MEAN RADIUS	:	.811	.711	.593
MAX RADIUS	:	1.618	1.433	1.130
HORIZONTAL SPREAD	:	2.990	2.352	1.868
VERTICAL SPREAD	:	1.405	1.405	1.319
EXTREME SPREAD	:	2.994	2.363	2.193
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	