C6348788

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

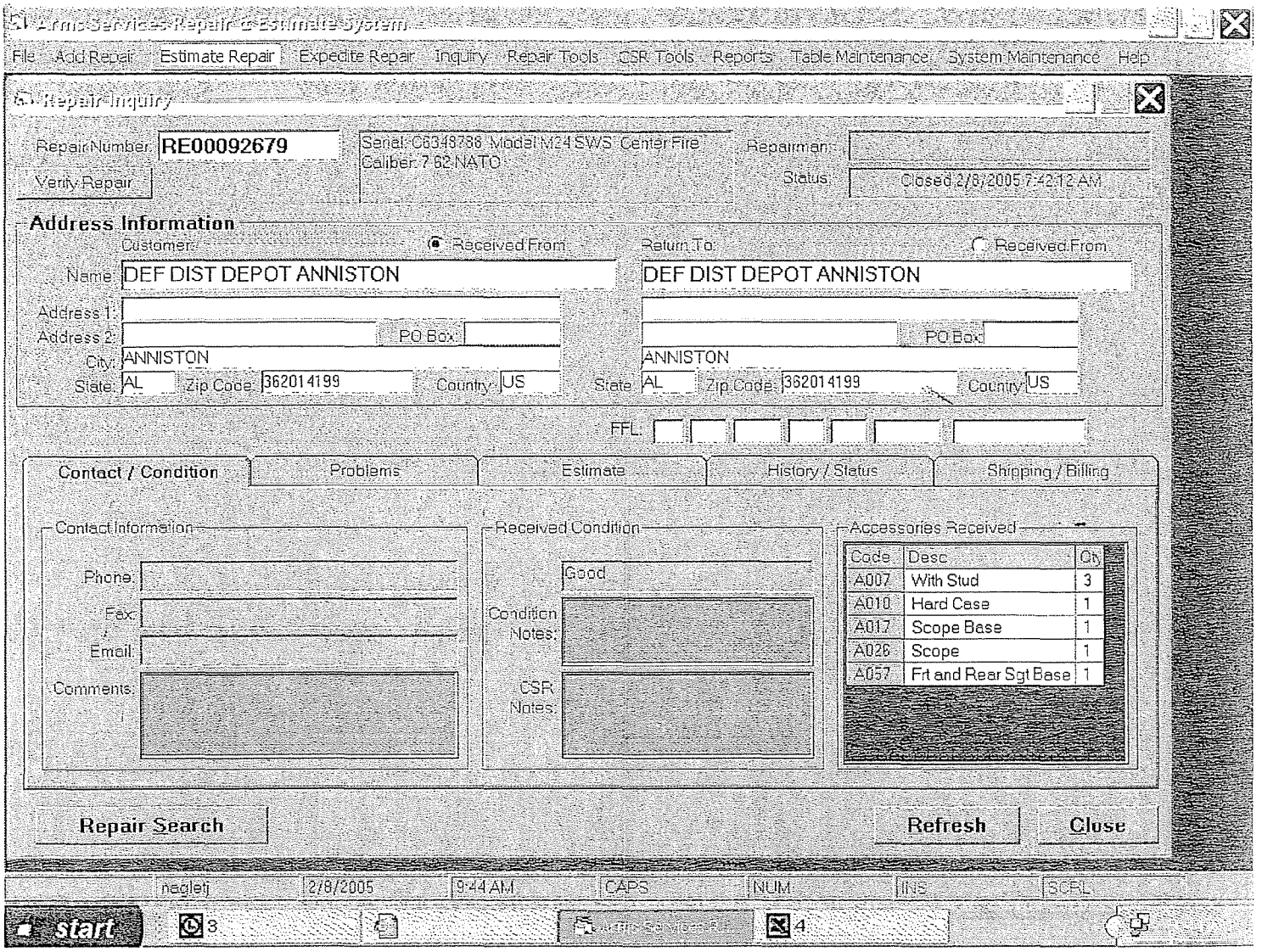
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400064100



Serial Number: C6348788

Model: M24 SWS

RE00092679

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348788.__0
FILE DATE AND TIME: 03/16/2005 07:24

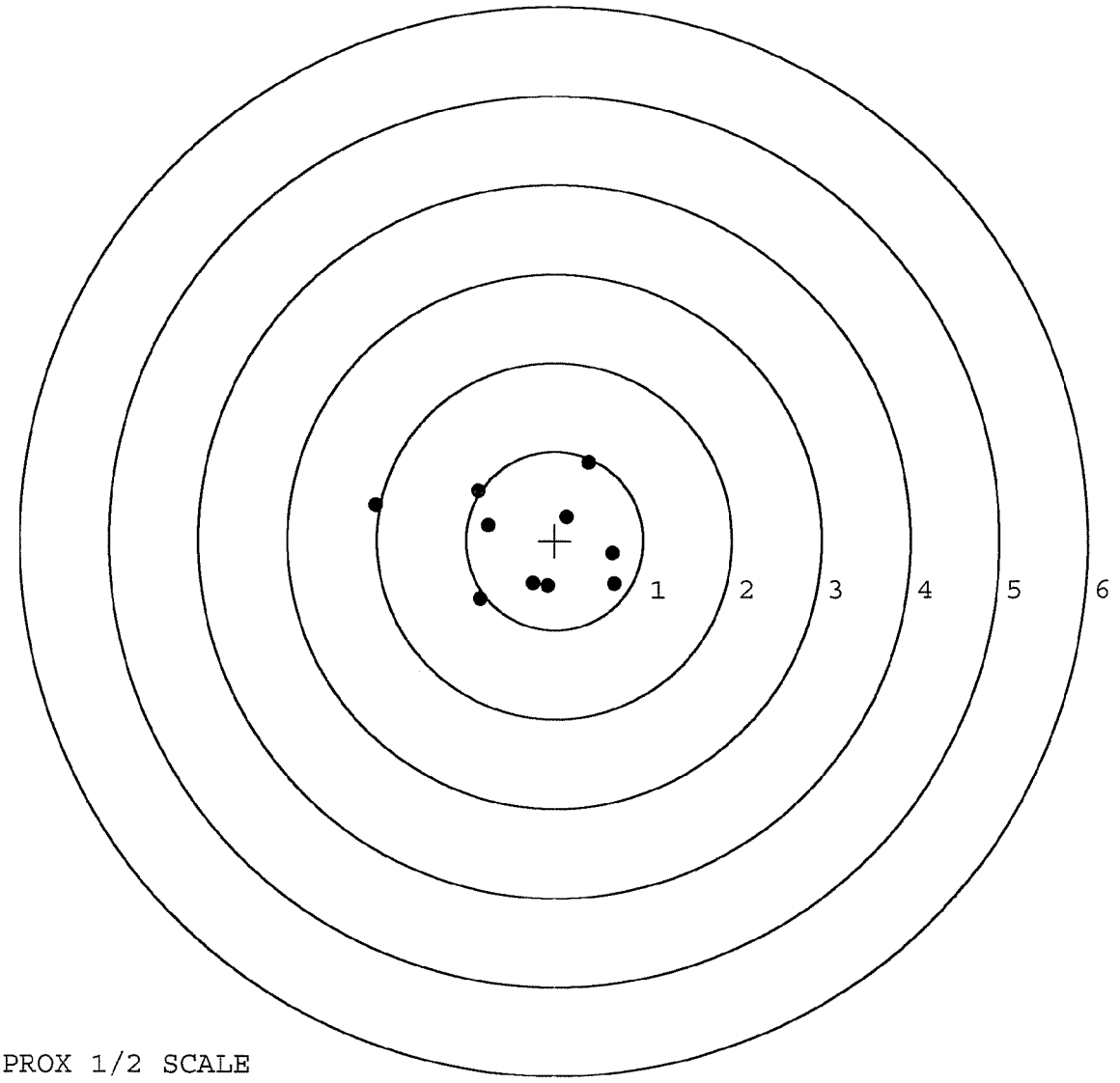
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.103
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.893
The Distance from POA to Centroid Target #1:	0.296
The Distance from Centroid Target #2 to Centroid Target #1:	0.485
The Distance from Centroid Target #3 to Centroid Target #1:	0.361
The Distance from Centroid Target #4 to Centroid Target #1:	0.278
The Distance from Centroid Target #5 to Centroid Target #1:	0.251

SERIAL NUMBER: C6348788.__0
TARGET NUMBER: 1
FILE DATE: 03/16/2005
FILE TIME: 07:24

X CENTROID:	-0.296
Y CENTROID:	-0.002
POA TO CENTROID:	0.296
HORZ SPREAD:	2.684
VERT SPREAD:	1.533
GROUP SPREAD:	2.826
MIN RADIUS:	0.485
MAX RADIUS:	1.762
MEAN RADIUS:	0.860
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.672	-0.488
2:	0.651	-0.148
3:	-0.080	-0.510
4:	-0.247	-0.485
5:	0.137	0.264
6:	0.385	0.878
7:	-0.863	0.556
8:	-0.752	0.169
9:	-0.846	-0.655
10:	-2.012	0.396

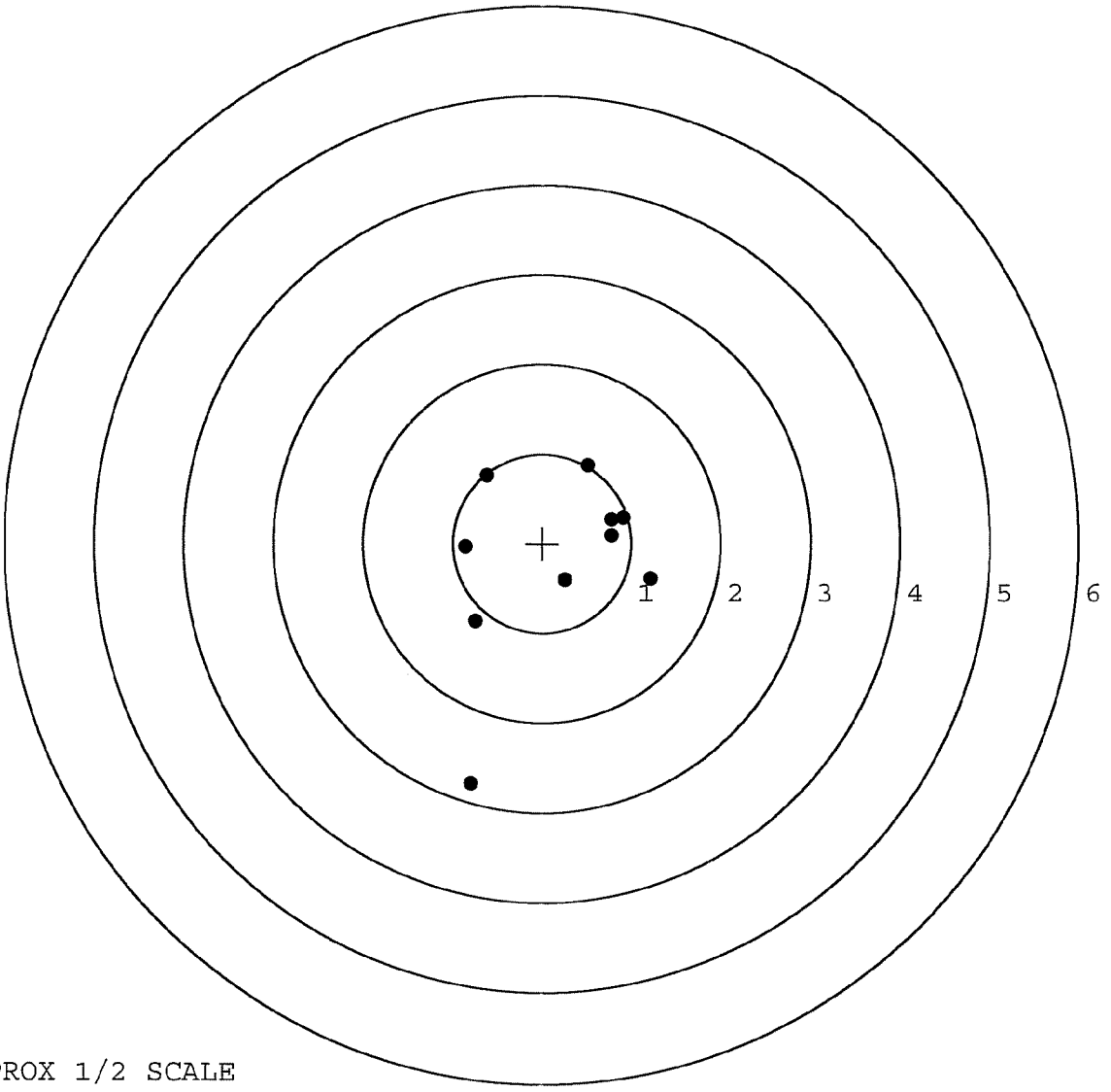


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348788.__0
TARGET NUMBER: 2
FILE DATE: 03/16/2005
FILE TIME: 07:24

X CENTROID:	0.142
Y CENTROID:	-0.212
POA TO CENTROID:	0.255
HORZ SPREAD:	2.079
VERT SPREAD:	3.558
GROUP SPREAD:	3.791
MIN RADIUS:	0.230
MAX RADIUS:	2.642
MEAN RADIUS:	1.090
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.216	-0.395
2:	0.778	0.090
3:	0.913	0.287
4:	0.513	0.876
5:	-0.621	0.766
6:	-0.863	-0.041
7:	0.256	-0.411
8:	-0.753	-0.874
9:	-0.795	-2.682
10:	0.778	0.268

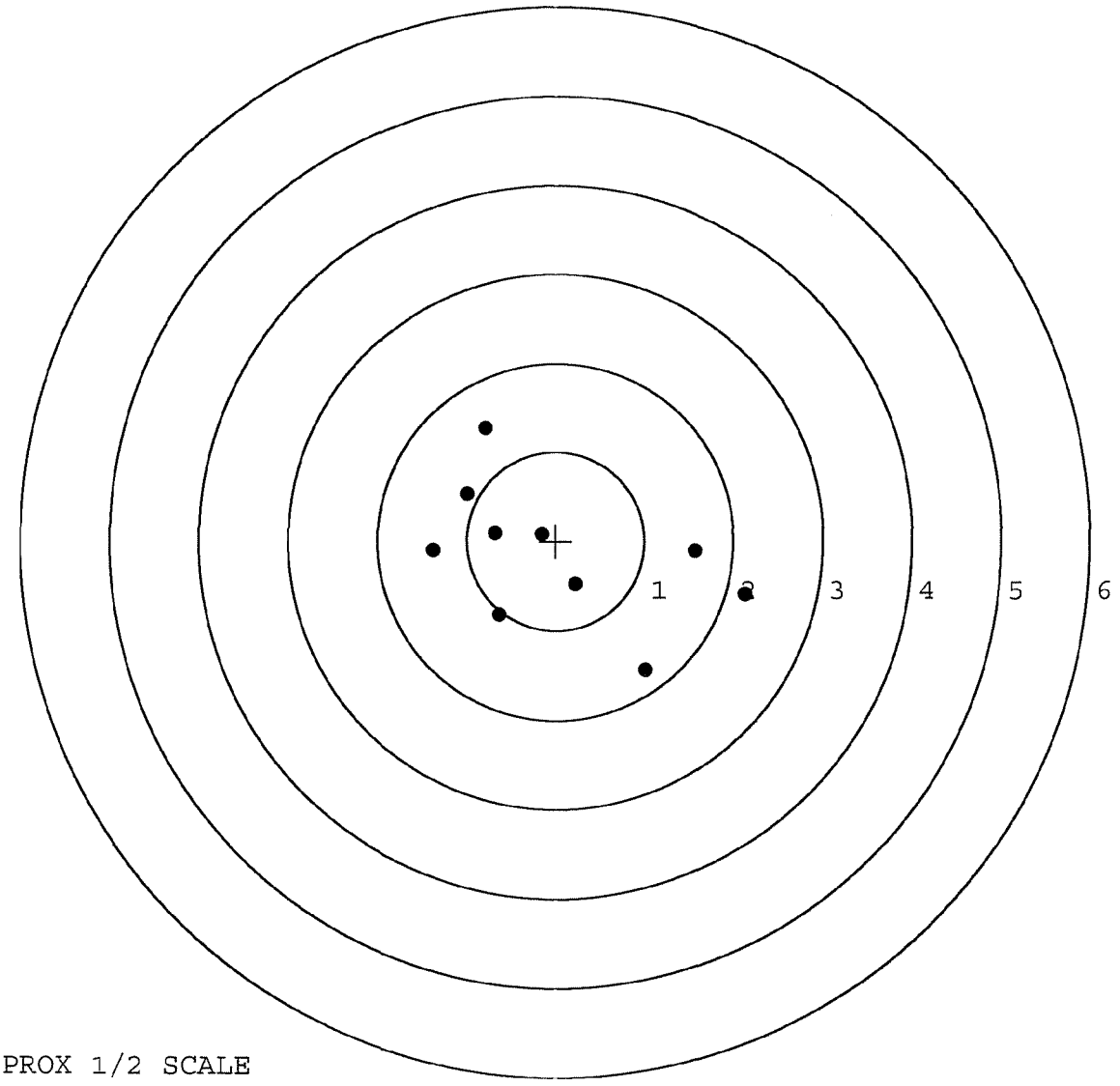


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348788.__0
TARGET NUMBER: 3
FILE DATE: 03/16/2005
FILE TIME: 07:24

X CENTROID:	0.028
Y CENTROID:	-0.163
POA TO CENTROID:	0.165
HORZ SPREAD:	3.511
VERT SPREAD:	2.707
GROUP SPREAD:	3.545
MIN RADIUS:	0.302
MAX RADIUS:	2.148
MEAN RADIUS:	1.198
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	1.009	-1.440
2:	2.131	-0.599
3:	1.573	-0.116
4:	0.224	-0.487
5:	-0.636	-0.830
6:	-0.160	0.074
7:	-0.686	0.088
8:	-1.005	0.530
9:	-1.380	-0.112
10:	-0.795	1.267

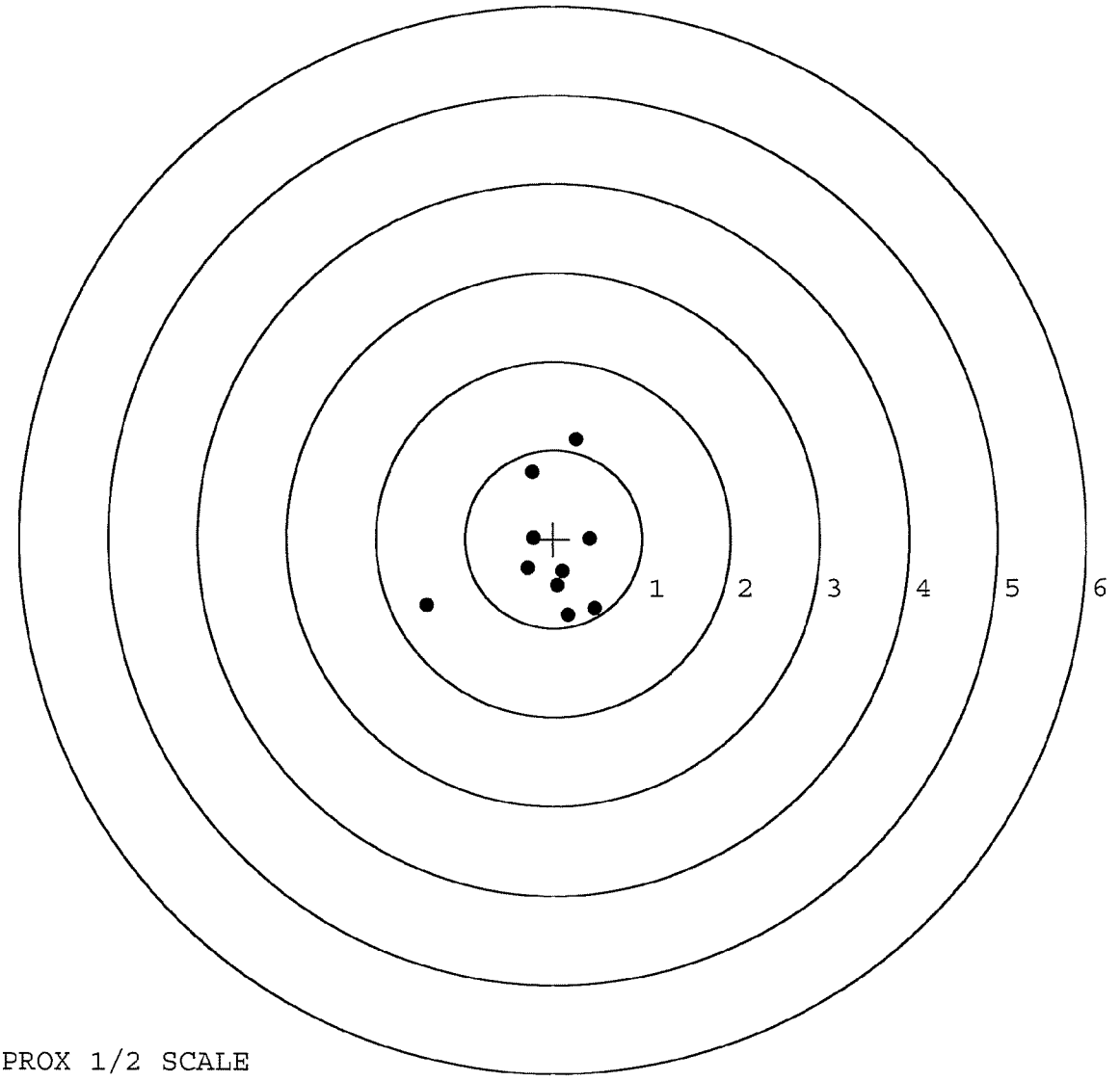


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348788.__0
TARGET NUMBER: 4
FILE DATE: 03/16/2005
FILE TIME: 07:24

X CENTROID:	-0.075
Y CENTROID:	-0.173
POA TO CENTROID:	0.189
HORZ SPREAD:	1.892
VERT SPREAD:	1.977
GROUP SPREAD:	2.519
MIN RADIUS:	0.239
MAX RADIUS:	1.472
MEAN RADIUS:	0.694
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.463	-0.785
2:	0.164	-0.856
3:	0.407	-0.003
4:	-1.429	-0.752
5:	-0.242	0.752
6:	0.256	1.121
7:	-0.230	0.009
8:	-0.294	-0.330
9:	0.106	-0.362
10:	0.045	-0.523

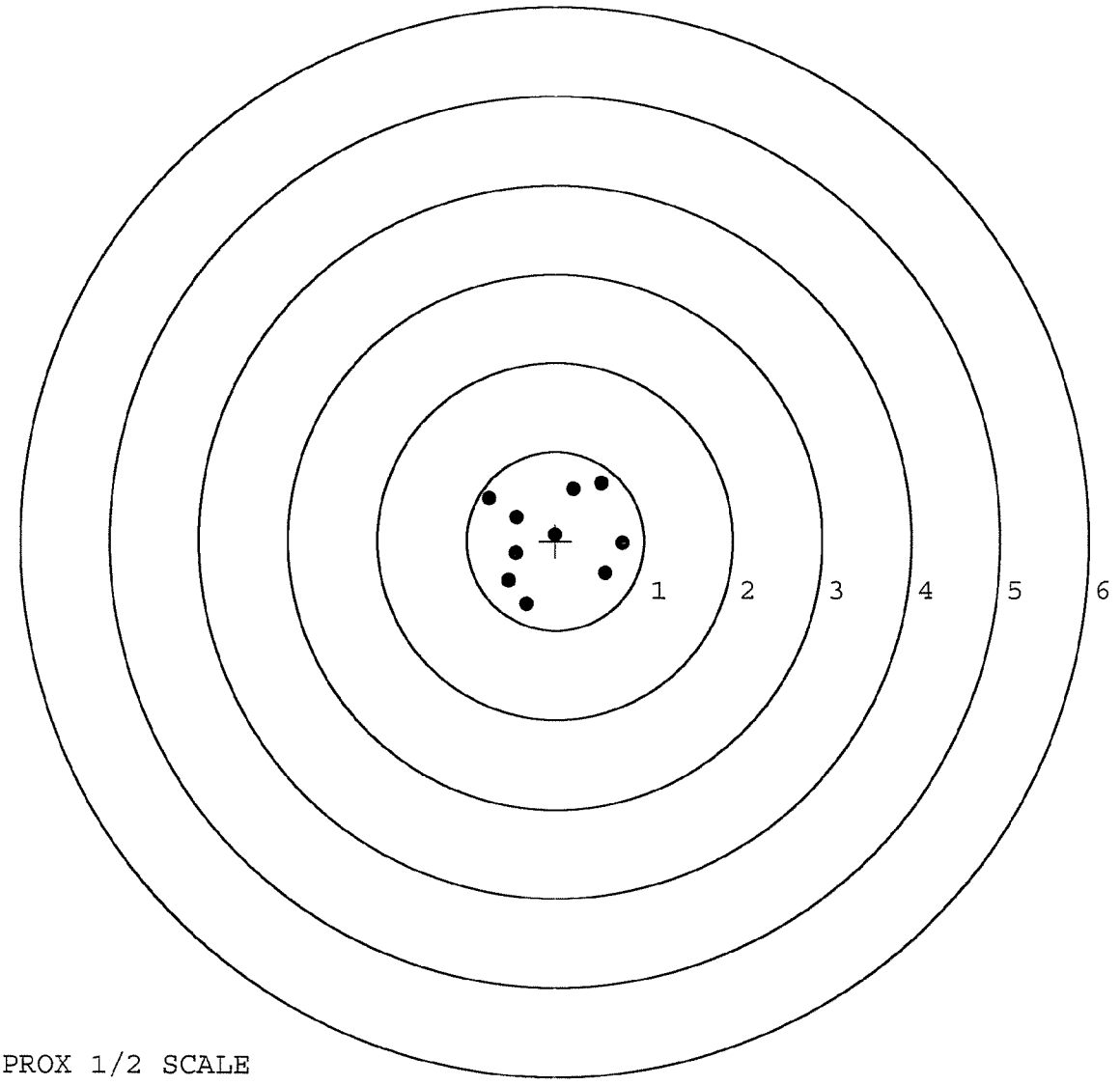


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348788.__0
TARGET NUMBER: 5
FILE DATE: 03/16/2005
FILE TIME: 07:24

X CENTROID:	-0.047
Y CENTROID:	0.035
POA TO CENTROID:	0.059
HORZ SPREAD:	1.508
VERT SPREAD:	1.358
GROUP SPREAD:	1.599
MIN RADIUS:	0.048
MAX RADIUS:	0.836
MEAN RADIUS:	0.623
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.566	-0.366
2:	0.755	-0.027
3:	0.518	0.651
4:	0.204	0.584
5:	-0.753	0.478
6:	-0.013	0.068
7:	-0.441	0.263
8:	-0.327	-0.707
9:	-0.531	-0.449
10:	-0.452	-0.146



TARGET APPROX 1/2 SCALE

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 3-8-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.43	2.34		2.17	
PULL #2	2.37	2.41		2.23	
PULL #3	2.30	2.26		2.24	
PULL #4	2.36	2.40		2.18	
PULL #5	2.35	2.51		2.26	
TOTAL	11.81	11.92		11.08	
AVERAGE	2.36	2.38		2.21	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.01		
PULL #2	3.00	3.03		
PULL #3	3.13	3.01		
PULL #4	3.15	3.02		
PULL #5	3.20	2.97		
TOTAL	15.57	15.04		
AVERAGE	3.11	3.00		

	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	4.09	4.07		4.68
PULL #2	4.19	4.19		4.66
PULL #3	4.21	4.23		4.55
PULL #4	4.21	4.16		4.63
PULL #5	4.13	4.37		4.55
TOTAL	20.83	21.02		23.07
AVERAGE	4.16	4.20		4.61

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

R & E NUMBER	92679		
SERIAL NUMBER	C6348788		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-14-05	RTZ
560 A	RE-BARREL	2-16-05	RTZ
B	DRILL AND TAP	2-16-05	RTZ
575	ASSEMBLE	2-17-05	TRW
600	PROOF	2-17-05	AC
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	2-18-05	CW
618	ROTO-BLAST	2-18-05	LB
620	APPLY COATINGS	3/1/05	HP
625 A	FINAL ASSEMBLY	3-9-05	RTZ
B	TRIGGER PULL TEST	3-17-05	TRW
C	SAFETY "ON" FORCE	3-17-05	AC
D	SAFETY "OFF" FORCE	3-17-05	AC
E	FIRING PIN INDENT	3-17-05	AC
640	TARGET	3-15-05	AC
655	FINAL INSPECT	3-17-05	AC
660	PACK	3-17-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED FEB 8 2005

Scope 0599

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348788

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-	89	KCR
615	Rollmark Caliber		9-15 89	G.S.
7	Drill and Tap Sight Holes	9 15	89	FB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	DB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/3/89	JN
	G) Safety Off Force	3	3	3			10/3/89	JN
	H) Trigger Pull Test & Retainability						18 Oct 89	JS
	I) Firing Pin Indent	.0215	.0215	.022			10/3/89	JN
	J) Assemble Stock						10/16/89	RW
	K) Assemble Swivel Studs						18 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies						10/16/89	RW
	M) Iron Sight Alignment						10/16/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/89	RW
	O) Attach Scope to Rifle						10/16/89	JN
	P) Detach & Attach Scope 20 Times						10/16/89	JN
640	Gallery Target & Test						10-16-89	DH
	A) Time						10-16-89	DH
	B) Malfunctions						10-16-89	DH
	C) Pierced Primers						10-16-89	DH
	D) Optical Clearity of Scope						10-16-89	DH
645	Inspect for Live Ammo						10-16-89	DH
655	Final Inspection A) Headspace						18 Oct 89	JS
	B) Trigger Pull	254	266	274	278	258	18 Oct 89	JS
	C) Function						18 Oct 89	JS
660	Pack						15 Dec 89	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6358788
DATE 14 March
TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	256	246		230	MIN. SETTING,
PULL #2	254	244		226	NO AVG. OF 5
PULL #3	246	247		225	READINGS ACCEPT-
PULL #4	239	237		225	ABLE LESS THAN 2#
PULL #5	244	240		225	
TOTAL	1239	1214			
AVG.	2478	2428			

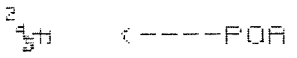
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	297	279		—
PULL #2	286	278		
PULL #3	284	275		
PULL #4	283	277		
PULL #5	281	277		
TOTAL	1426	1386		
AVG.	2852	2772		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	394	385		
PULL #2	390	383		
PULL #3	388	382		
PULL #4	387	381		
PULL #5	386	378		
TOTAL	1945	1909		
AVG.	389	3818		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348788
16 Oct 1989

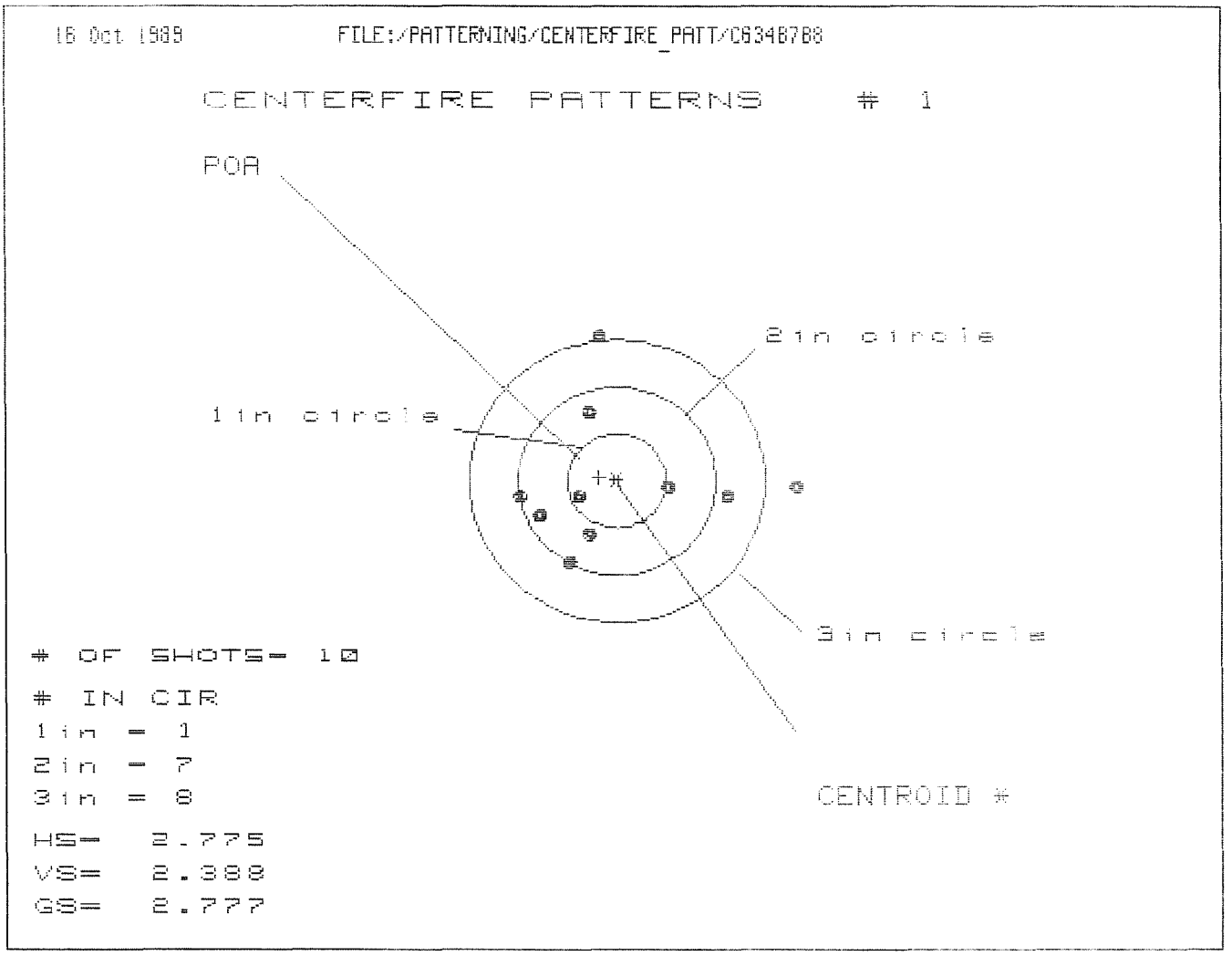
CENTROIDAL DISTANCES

0	TO	1	.186904
1	TO	2	.824866
1	TO	3	.423275
1	TO	4	.542329
1	TO	5	.384906

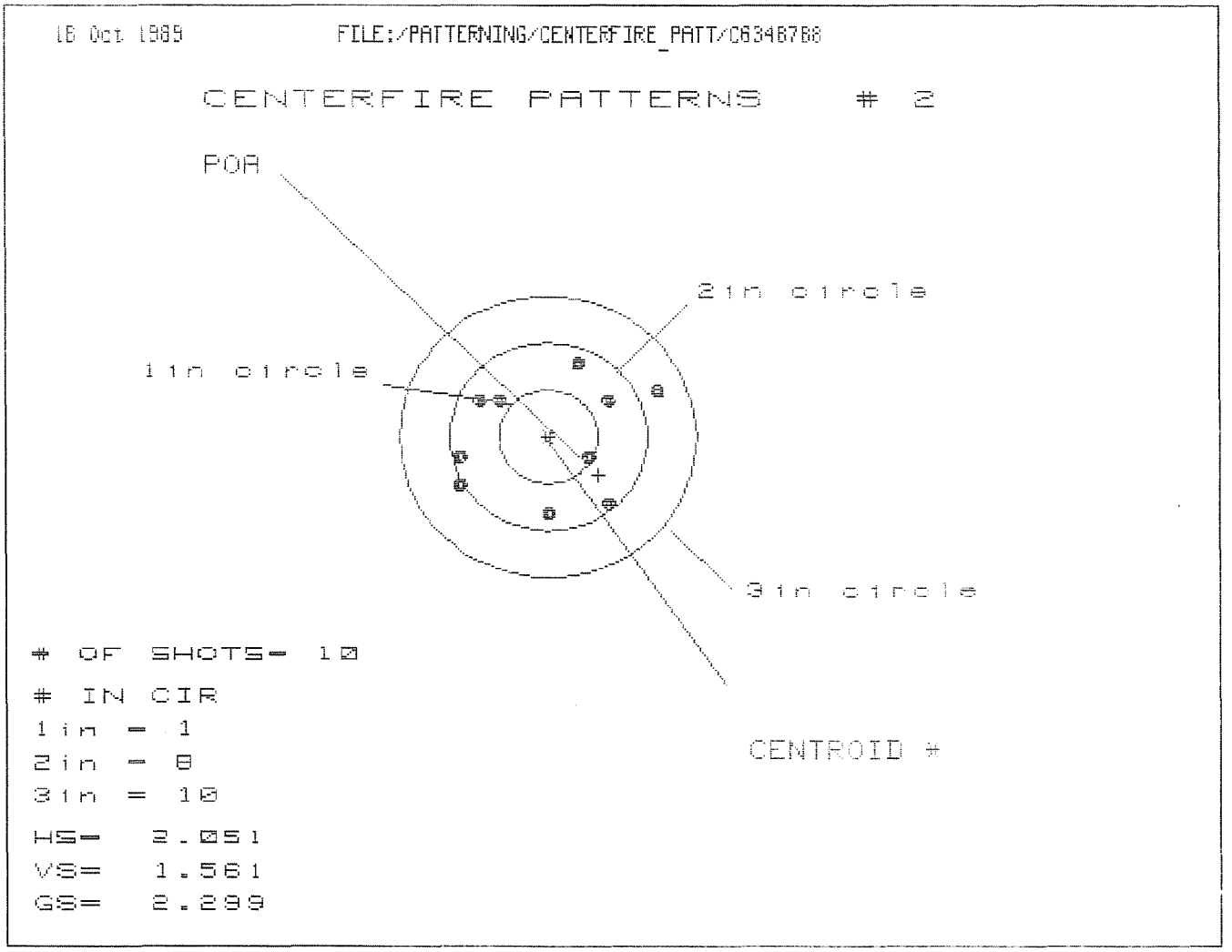


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0322
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .216805

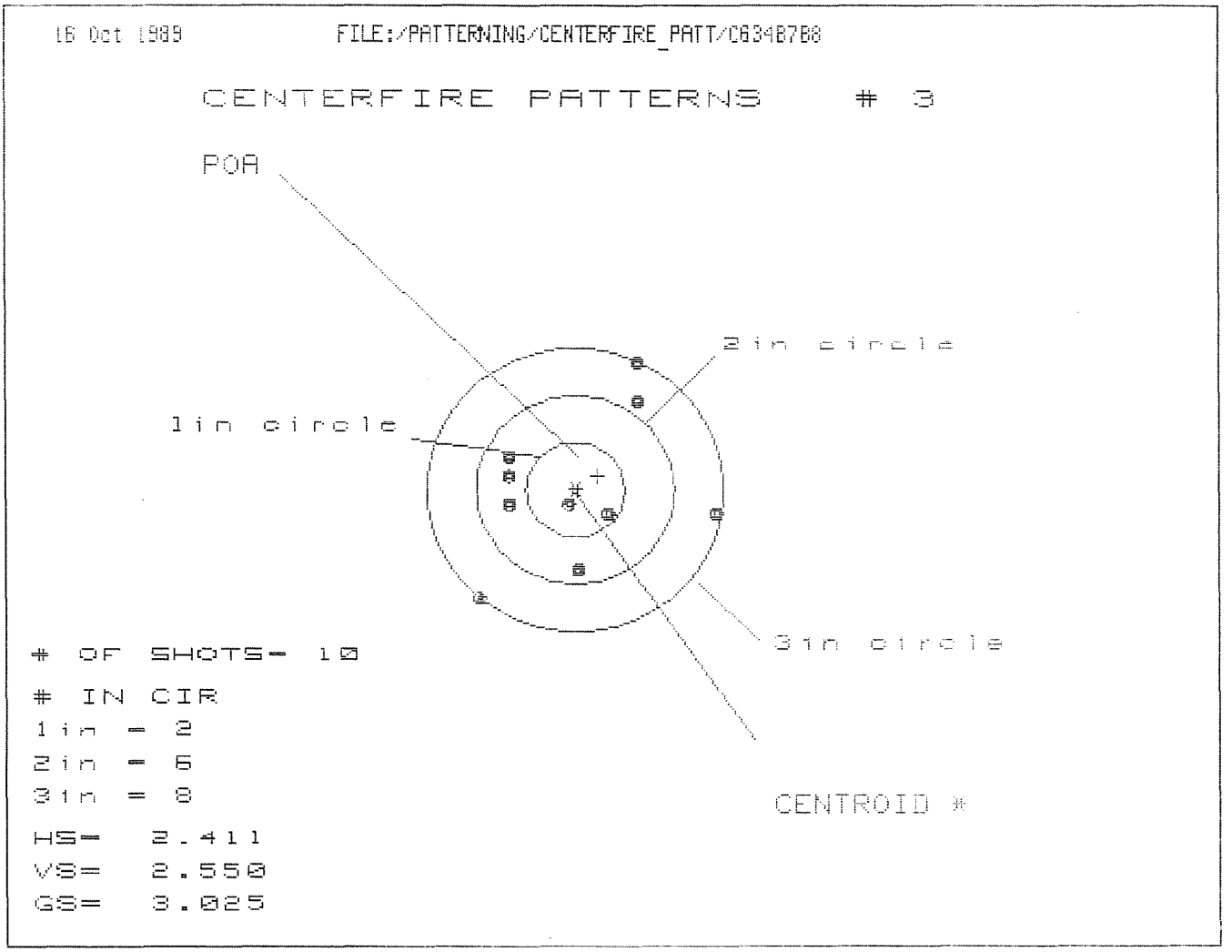
THE AMR FOR THIS RIFLE IS: .8722



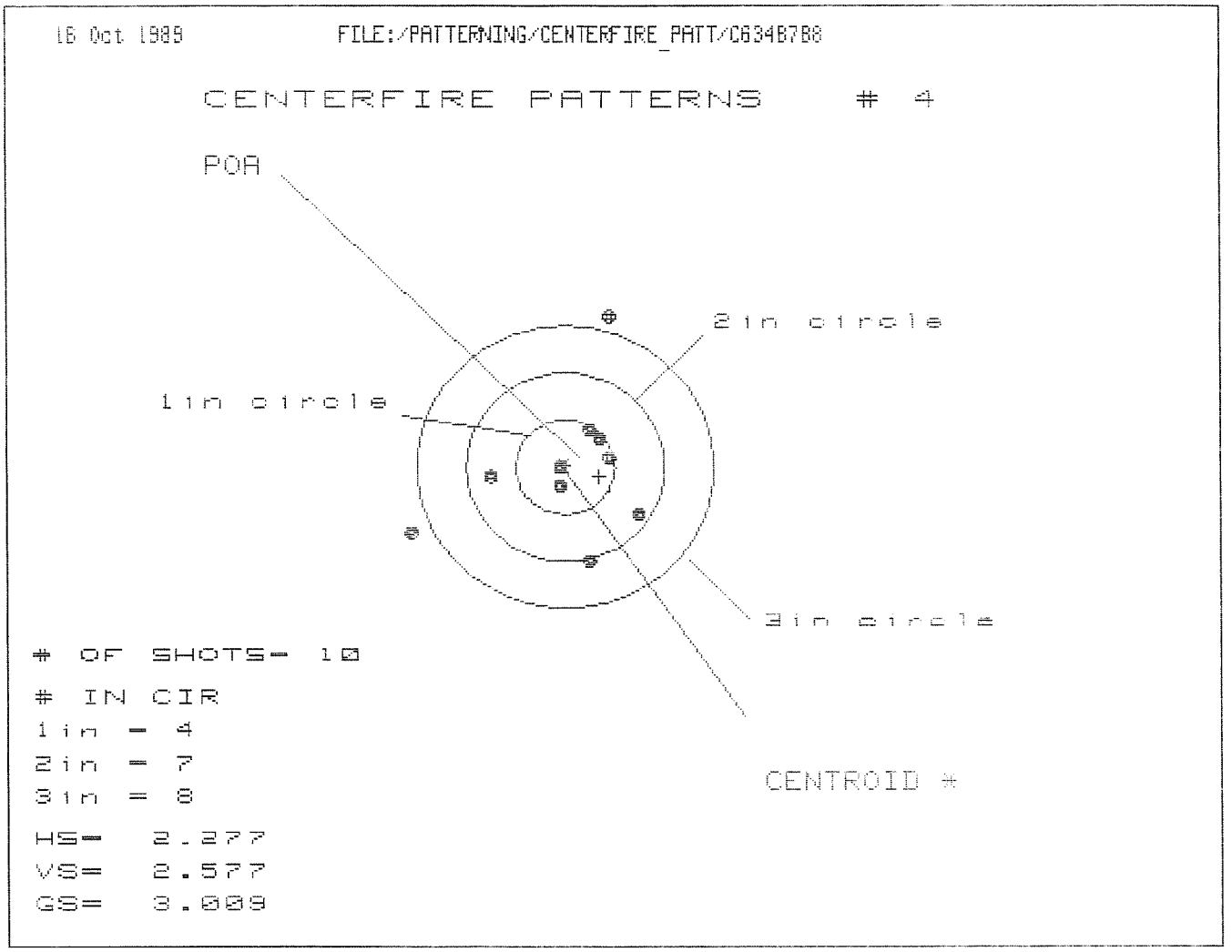
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.828	1.320	1.328
MINIMUM X	:	-.947	-.744	-.736
MAXIMUM Y	:	1.575	1.571	.901
MINIMUM Y	:	-.813	-.817	-.621
CENTROID X	:	.183	-.020	-.028
CENTROID Y	:	-.038	-.034	-.230
POA TO CENTROID in.	:	.187	.039	.232
MIN RADIUS	:	.433	.254	.200
MEAN RADIUS	:	.972	.835	.703
MAX RADIUS	:	1.828	1.572	1.329
HORIZONTAL SPREAD	:	2.775	2.064	2.064
VERTICAL SPREAD	:	2.388	2.388	1.522
EXTREME SPREAD	:	2.777	2.418	2.064
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



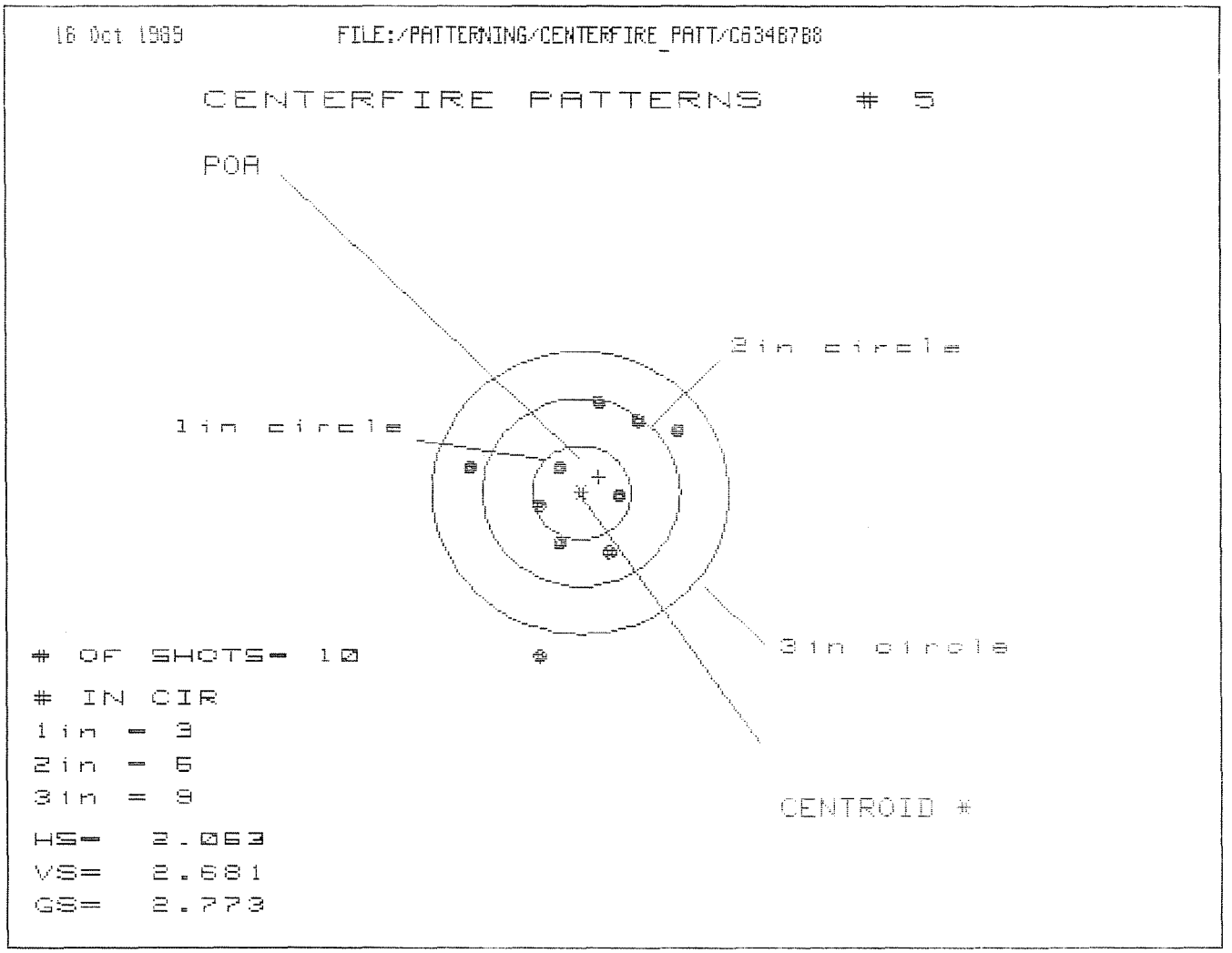
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	.744	.642
MINIMUM X	:	-.940	-.817	-.903
MAXIMUM Y	:	.765	.820	.760
MINIMUM Y	:	-.796	-.741	-.801
CENTROID X	:	-.507	-.630	-.528
CENTROID Y	:	.414	.359	.419
POA TO CENTROID in.	:	.655	.725	.674
MIN RADIUS	:	.463	.558	.484
MEAN RADIUS	:	.846	.799	.771
MAX RADIUS	:	1.218	.986	.955
HORIZONTAL SPREAD	:	2.051	1.561	1.545
VERTICAL SPREAD	:	1.561	1.561	1.561
EXTREME SPREAD	:	2.299	1.819	1.747
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		



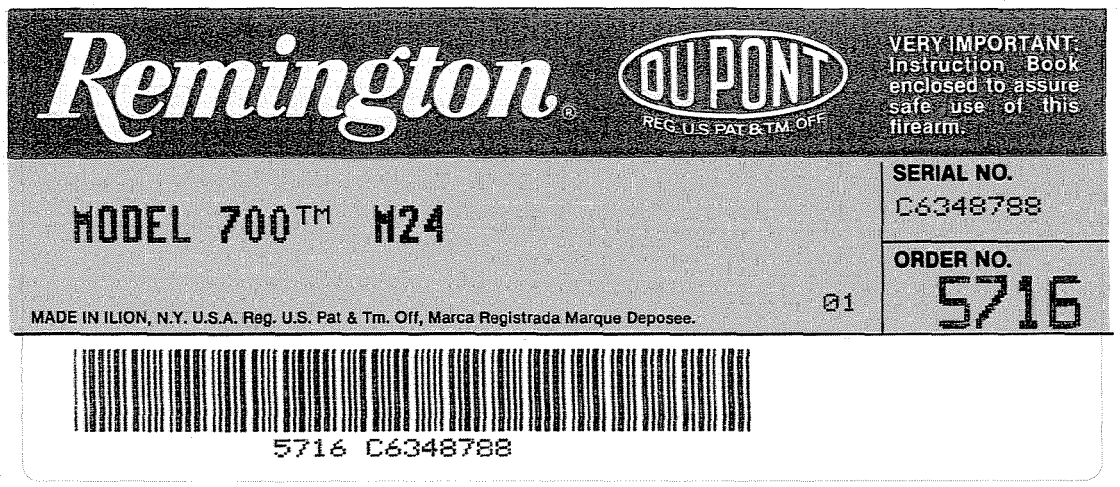
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.412	1.301	1.366
MINIMUM X	:	-.999	-.829	-.764
MAXIMUM Y	:	1.382	1.253	.942
MINIMUM Y	:	-1.168	-1.020	-.864
CENTROID X	:	-.226	-.115	-.180
CENTROID Y	:	-.147	-.018	-.174
POA TO CENTROID in.	:	.270	.116	.250
MIN RADIUS	:	.180	.340	.171
MEAN RADIUS	:	.931	.882	.782
MAX RADIUS	:	1.537	1.355	1.381
HORIZONTAL SPREAD	:	2.411	2.130	2.130
VERTICAL SPREAD	:	2.550	2.273	1.806
EXTREME SPREAD	:	3.025	2.355	2.195
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

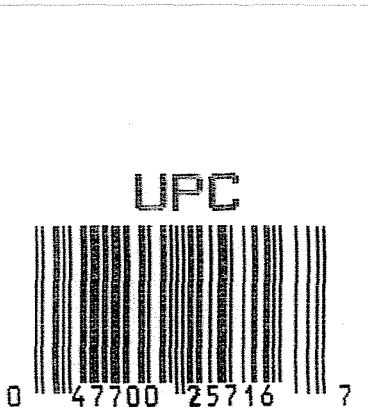


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.714	.540	.574
MINIMUM X	:	-1.563	-.897	-.063
MAXIMUM Y	:	1.578	1.504	.586
MINIMUM Y	:	-.999	-1.073	-.885
CENTROID X	:	-.342	-.168	-.202
CENTROID Y	:	.098	.172	-.016
POA TO CENTROID in.	:	.356	.240	.202
MIN RADIUS	:	.103	.272	.246
MEAN RADIUS	:	.776	.660	.552
MAX RADIUS	:	1.699	1.528	.887
HORIZONTAL SPREAD	:	2.277	1.437	1.437
VERTICAL SPREAD	:	2.577	2.577	1.421
EXTREME SPREAD	:	3.009	2.587	1.477
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.968	.920	.613
MINIMUM X	:	-1.095	-1.143	-1.028
MAXIMUM Y	:	.996	.809	.874
MINIMUM Y	:	-1.685	-.820	-.755
CENTROID X	:	-.180	-.132	-.247
CENTROID Y	:	-.166	.021	-.044
POA TO CENTROID in.	:	.245	.133	.250
MIN RADIUS	:	.325	.275	.194
MEAN RADIUS	:	.836	.730	.671
MAX RADIUS	:	1.741	1.149	1.044
HORIZONTAL SPREAD	:	2.063	2.063	1.641
VERTICAL SPREAD	:	2.681	1.629	1.629
EXTREME SPREAD	:	2.773	2.102	1.700
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	


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.
C6348788
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6348788


UPC
0 47700 25716 7