Smeal®

C652150

MODEL 700™ M24

Model SWS™

Action

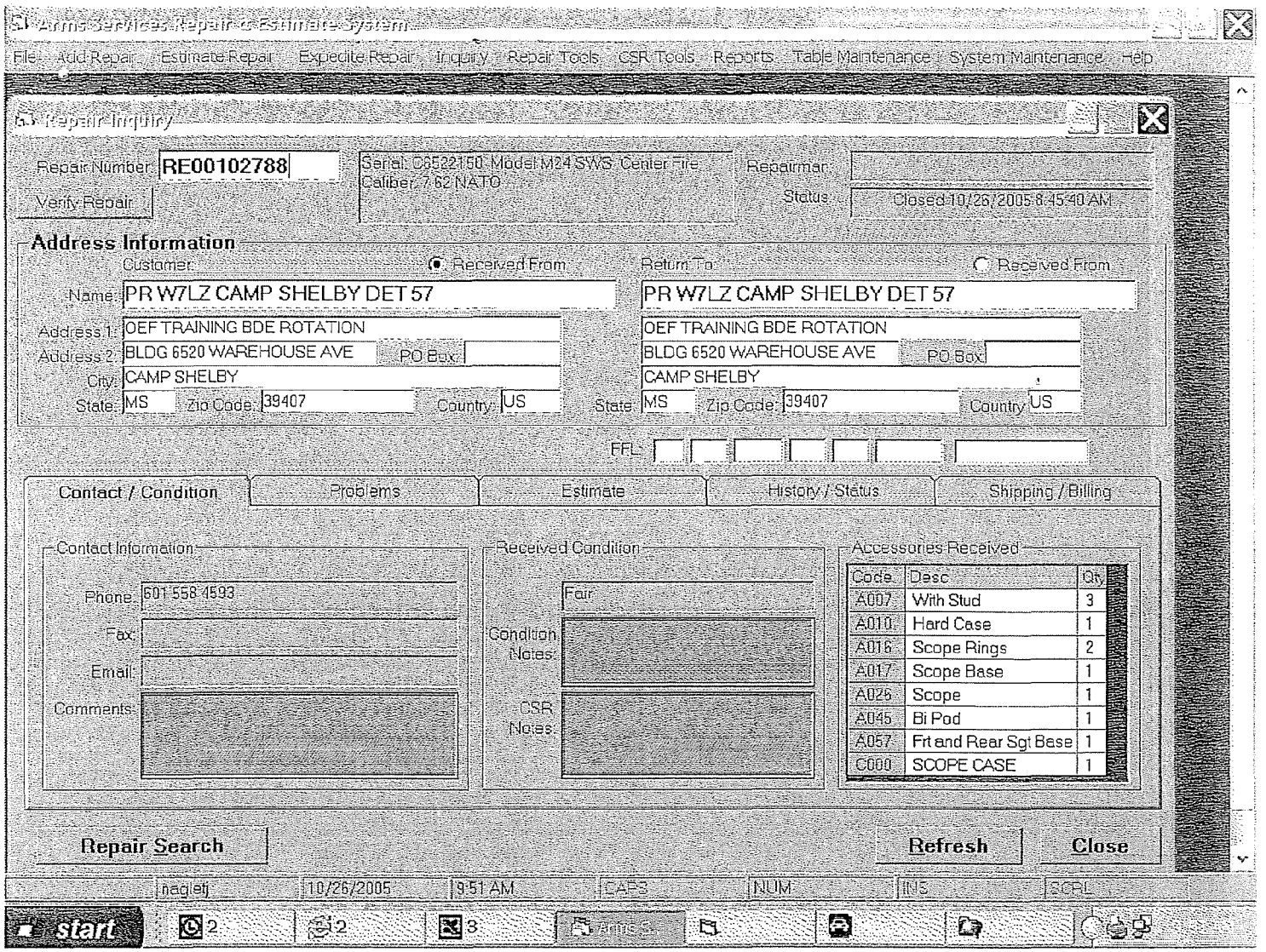
Barrel Length

Capacity

Order No. 516

*Includes 1 in chamber.

Remington



Serial Number: C6522150

Model: M24 SWS

RE00102788

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 11-04-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET - 2.50 LBS		COMMENTS
PULL #1	2.41	2.49		2.79	
PULL #2	2.79	2.57		2.51	
PULL #3	2.58	2.69		2.44	
PULL #4	2.75	2.53		2.54	
PULL #5	2.60	2.71		2.77	
TOTAL	13.13	12.99		13.05	
AVERAGE	2.63	2.60		2.61	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.21		
PULL #2	3.09	3.19		
PULL #3	3.24	3.13		
PULL #4	3.29	3.17		
PULL #5	3.37	3.25		
TOTAL	16.35	15.95		
AVERAGE	3.27	3.19		

	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	3.73	4.10		3.87
PULL #2	4.28	4.12		4.00
PULL #3	4.09	4.14		3.97
PULL #4	4.00	4.26		4.02
PULL #5	3.94	4.14		4.04
TOTAL	20.04	20.76		19.90
AVERAGE	4.01	4.15	----------	3.98

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522150.__0
FILE DATE AND TIME: 11/29/2005 23:11

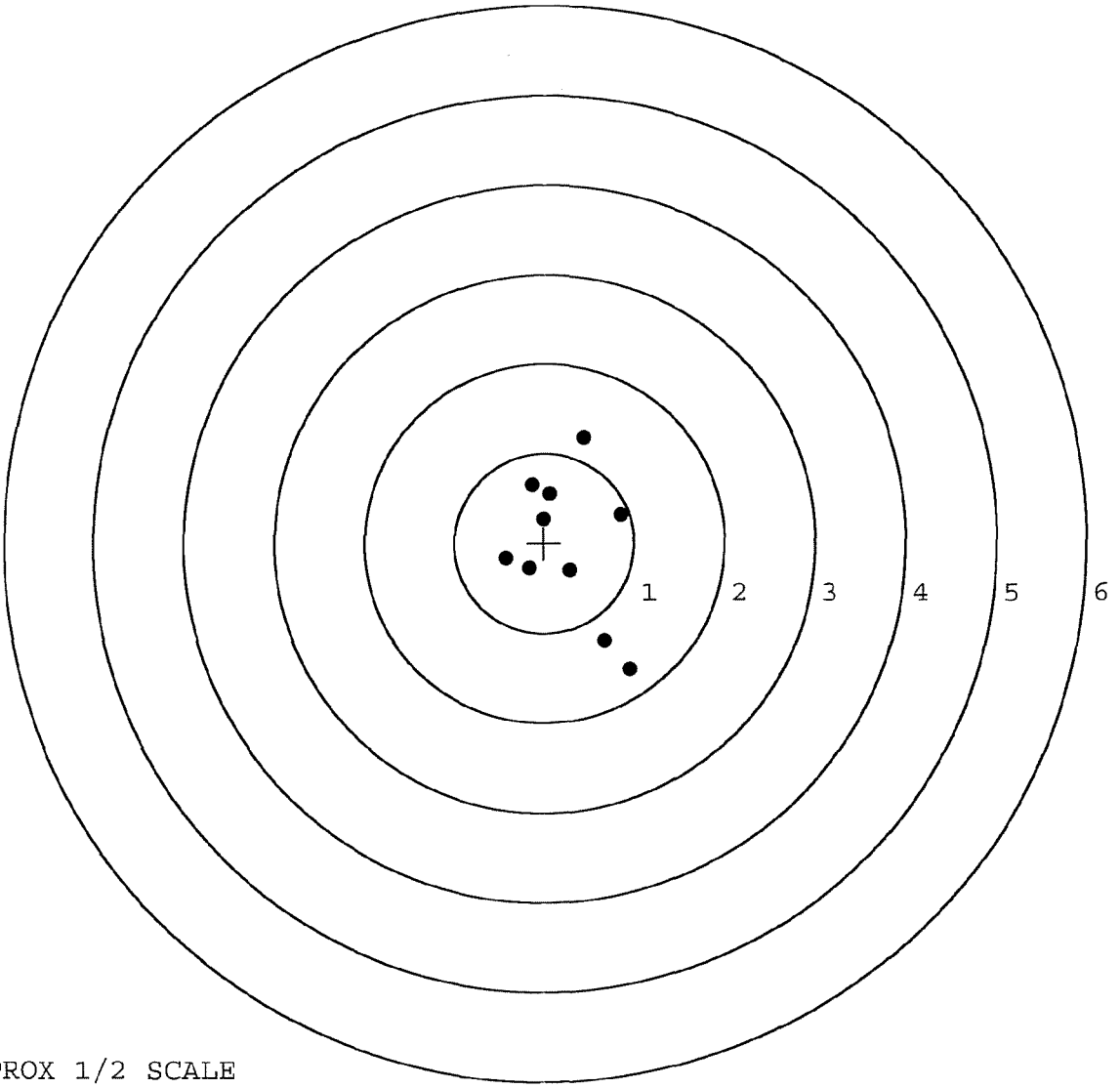
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.153
The Average Y Centroid of the Five Target Set:	0.073
The Average Point of Impact of the Five Target Set:	0.170
The Average Mean Radius of the Five Target Set:	0.584
The Distance from POA to Centroid Target #1:	0.256
The Distance from Centroid Target #2 to Centroid Target #1:	0.165
The Distance from Centroid Target #3 to Centroid Target #1:	0.305
The Distance from Centroid Target #4 to Centroid Target #1:	0.236
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: C6522150.__0
TARGET NUMBER: 1
FILE DATE: 11/29/2005
FILE TIME: 23:11

X CENTROID:	0.255
Y CENTROID:	-0.030
POA TO CENTROID:	0.256
HORZ SPREAD:	1.381
VERT SPREAD:	2.584
GROUP SPREAD:	2.635
MIN RADIUS:	0.275
MAX RADIUS:	1.549
MEAN RADIUS:	0.785
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.290	-0.302
2:	-0.163	-0.282
3:	-0.422	-0.172
4:	-0.008	0.269
5:	0.062	0.550
6:	-0.135	0.651
7:	0.442	1.175
8:	0.851	0.317
9:	0.671	-1.093
10:	0.959	-1.409

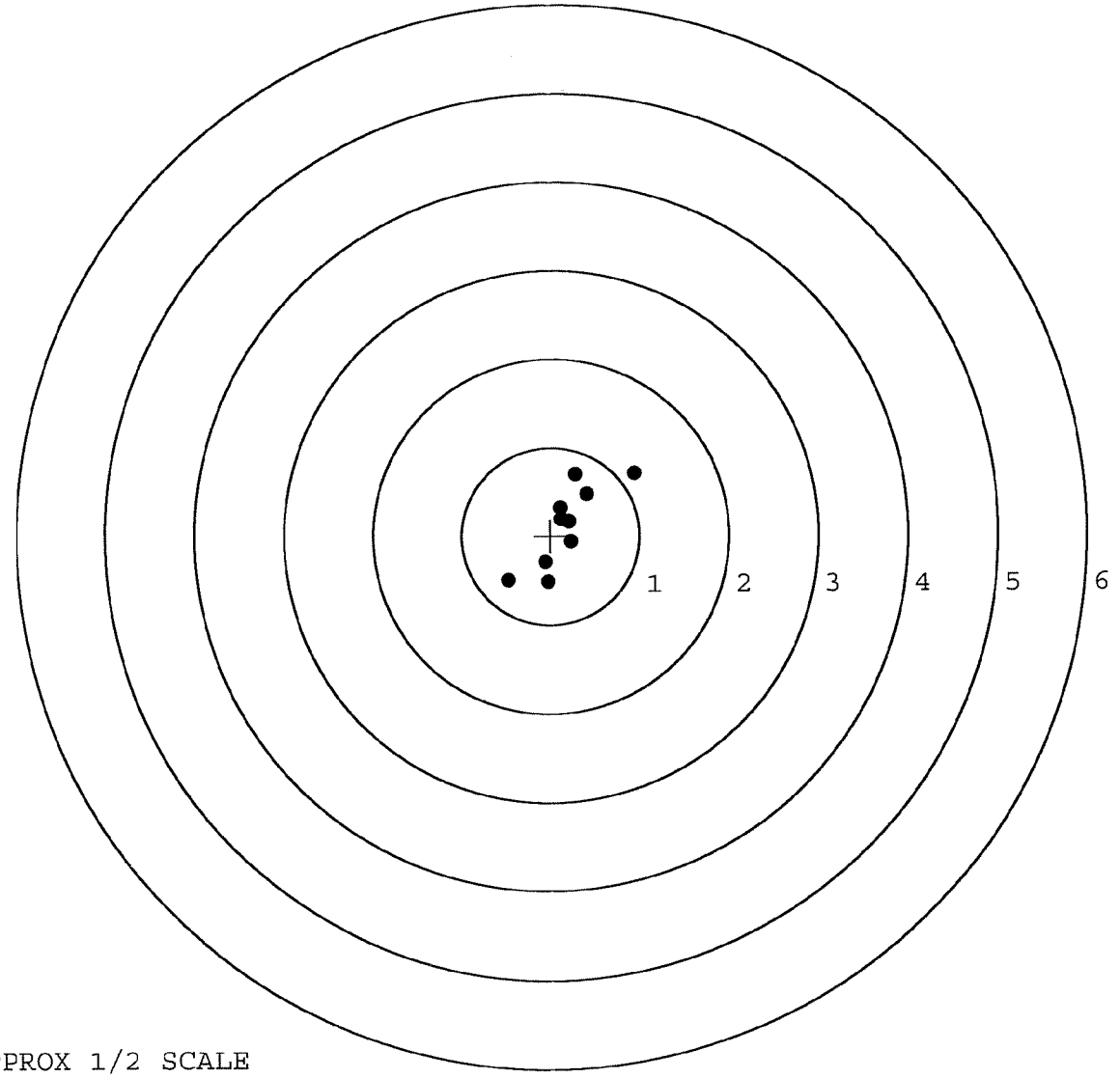


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522150.__0
TARGET NUMBER: 2
FILE DATE: 11/29/2005
FILE TIME: 23:11

X CENTROID:	0.175
Y CENTROID:	0.115
POA TO CENTROID:	0.209
HORZ SPREAD:	1.425
VERT SPREAD:	1.228
GROUP SPREAD:	1.866
MIN RADIUS:	0.060
MAX RADIUS:	0.969
MEAN RADIUS:	0.459
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.233	-0.068
2:	-0.027	-0.524
3:	-0.066	-0.302
4:	-0.480	-0.501
5:	0.114	0.315
6:	0.411	0.472
7:	0.285	0.700
8:	0.945	0.704
9:	0.209	0.165
10:	0.126	0.189



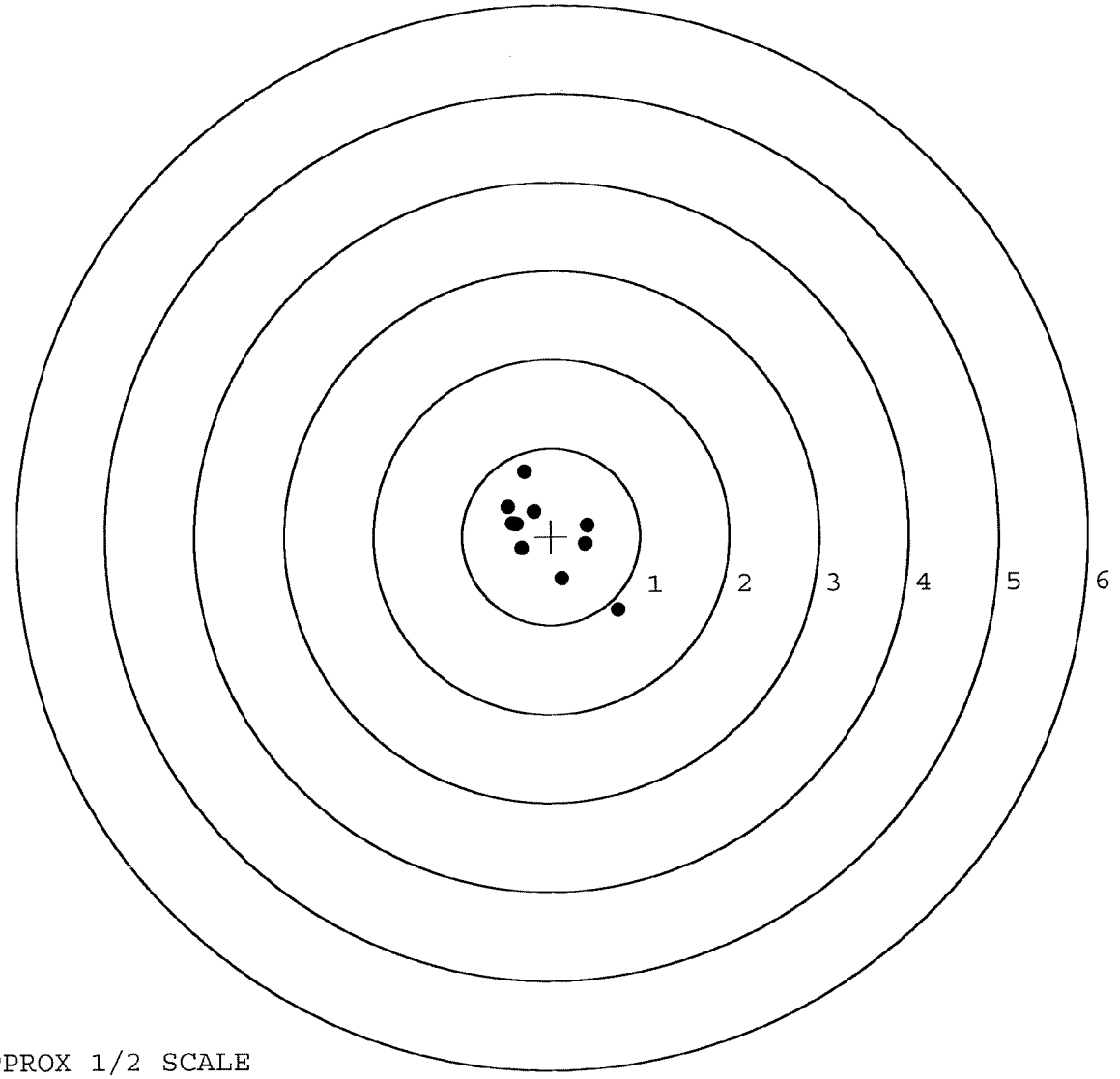
TARGET APPROX 1/2 SCALE

BARBER - M24 0003720

SERIAL NUMBER: C6522150.__0
TARGET NUMBER: 3
FILE DATE: 11/29/2005
FILE TIME: 23:11

X CENTROID:	-0.046
Y CENTROID:	0.021
POA TO CENTROID:	0.051
HORZ SPREAD:	1.230
VERT SPREAD:	1.583
GROUP SPREAD:	1.897
MIN RADIUS:	0.296
MAX RADIUS:	1.176
MEAN RADIUS:	0.531
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.298	0.737
2:	0.413	0.124
3:	0.380	-0.090
4:	0.125	-0.484
5:	0.748	-0.846
6:	-0.327	-0.136
7:	-0.190	0.280
8:	-0.482	0.336
9:	-0.437	0.150
10:	-0.392	0.142

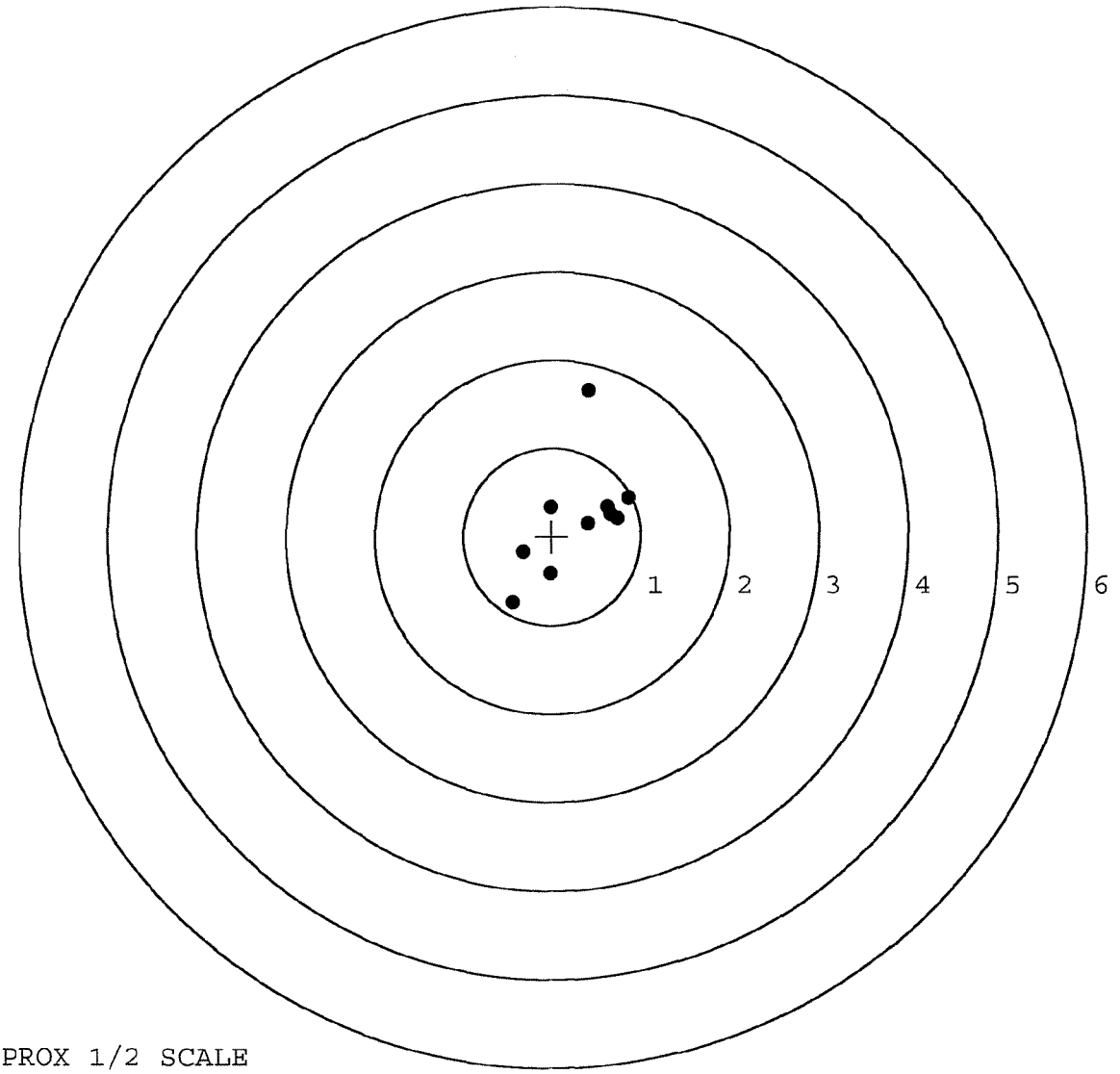


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522150.__0
TARGET NUMBER: 4
FILE DATE: 11/29/2005
FILE TIME: 23:11

X CENTROID:	0.289
Y CENTROID:	0.204
POA TO CENTROID:	0.354
HORZ SPREAD:	1.312
VERT SPREAD:	2.404
GROUP SPREAD:	2.552
MIN RADIUS:	0.125
MAX RADIUS:	1.459
MEAN RADIUS:	0.633
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.322	-0.177
2:	-0.016	-0.420
3:	-0.446	-0.746
4:	-0.017	0.332
5:	0.402	0.150
6:	0.735	0.206
7:	0.866	0.437
8:	0.410	1.658
9:	0.626	0.340
10:	0.654	0.257

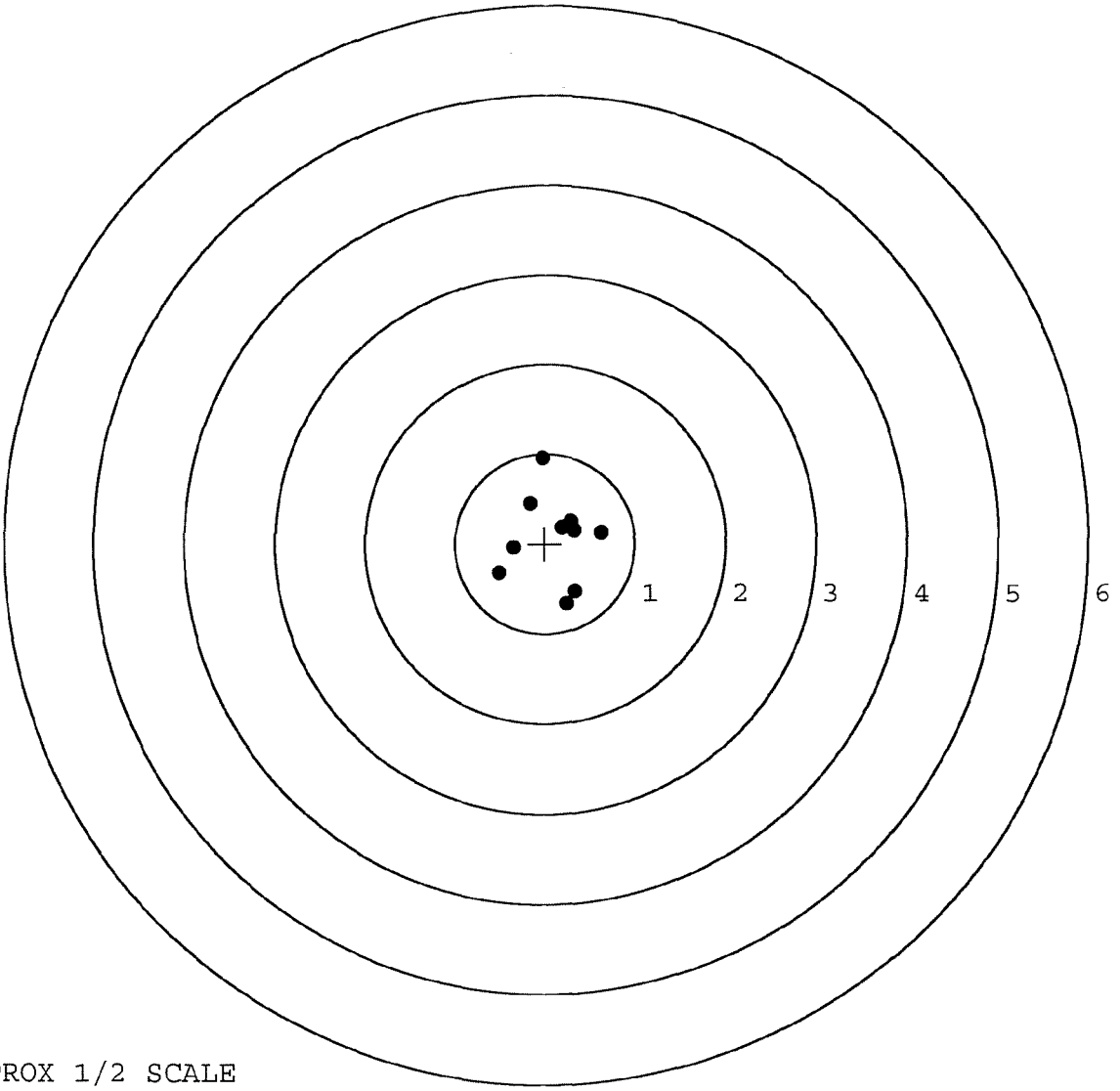


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522150.__0
TARGET NUMBER: 5
FILE DATE: 11/29/2005
FILE TIME: 23:11

X CENTROID:	0.093
Y CENTROID:	0.056
POA TO CENTROID:	0.108
HORZ SPREAD:	1.134
VERT SPREAD:	1.607
GROUP SPREAD:	1.631
MIN RADIUS:	0.159
MAX RADIUS:	0.900
MEAN RADIUS:	0.512
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.339	-0.528
2:	0.244	-0.660
3:	-0.513	-0.320
4:	-0.351	-0.045
5:	-0.172	0.453
6:	-0.033	0.947
7:	0.189	0.182
8:	0.283	0.247
9:	0.322	0.149
10:	0.621	0.131



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102788	Camio Shelby		
SERIAL NUMBER	C6522150			
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 NOV 18 2005	11-15-05	CD
605	CHECK HEADSPACE		11-15-05	CD
610	DIS-ASSEMBLE GUN		11-15-05	CD
612	MAGNAFLUX	OPERATOR mmb	11/18/05	mmb
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11/22/05	RB
625	FINAL ASSEMBLY		11-29-05	RTL
640	FUNCTION TEST AND	(PASS) FAIL	11/29/05	MAD
650	TARGET	(PASS) FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-30-05	AC
	A) HEADSPACE	(PASS) FAIL	11-30-05	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.51 2.52 2.44 2.45 2.49		AC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	5 lbs 5 lbs 5 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.021 .021 .021		AC
690	PACK		12-1-05	DM

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # CC522150

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/13/90	KS
600	Proof		8/13/90	KS
607	Check Headspace		8/13/90	KS
610	Dis-assemble Gun		8/13/90	KS
612	Magnaflux Barrel Action		8/16	KCK
	Magnaflux Bolt		8/16	KCK
615	Rollmark Caliber		8/16	KA
617	Drill and Tap Sight Holes		8/17/90	KB
618	Polish Barrel RB		8/17/90	WB
620	Apply Coatings (Barrel Action)		8-21-90	KA
	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		9/13/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			9/13/90	WB
	G) Safety Off Force	2	2	2			9/13/90	WB
	H) Trigger Pull Test & Retainability						9/13/90	WB
	I) Firing Pin Indent	.0215	.0225	.022			9/13/90	WB
	J) Assemble Stock						9/13/90	KS
	K) Assemble Swivel Studs						9/13/90	KS
	L) Attach Front and Rear Sight Assemblies						9/13/90	KS
	M) Iron Sight Alignment						9/13/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/13/90	KS
	O) Attach Scope to Rifle						9/13/90	KS
	P) Detach & Attach Scope 20 Times						9/13/90	KS
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	KS
	B) Trigger Pull	2.26	2.33	2.43	2.40	2.33	9-15-90	KS
	C) Function						9/15/90	KS
660	Pack						9/19/90	KS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6527150
DATE 9/13/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.38	2.36	2.26	MIN. SETTING,
PULL #2	2.45	2.40	2.12	2.33	NO AVG. OF 5
PULL #3	2.31	2.22	2.41	2.47	READINGS ACCEPT-
PULL #4	2.33	2.24	2.23	2.40	ABLE LESS THAN 2#
PULL #5	2.31	2.19	2.40	2.33	
TOTAL	11.76	11.43	11.52	11.75	
AVG.	2.37	2.28	2.30	2.35	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.02		
PULL #2	3.18	2.90		
PULL #3	3.16	2.95		
PULL #4	3.08	3.05		
PULL #5	3.13	3.17		
TOTAL	15.57	15.09		
AVG.	3.11	3.02		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.23		4.06
PULL #2	4.30	4.21		4.07
PULL #3	4.32	4.03		4.06
PULL #4	4.26	4.25		4.16
PULL #5	4.12	4.21		4.13
TOTAL	21.12	20.93		20.48
AVG.	4.22	4.19		4.10

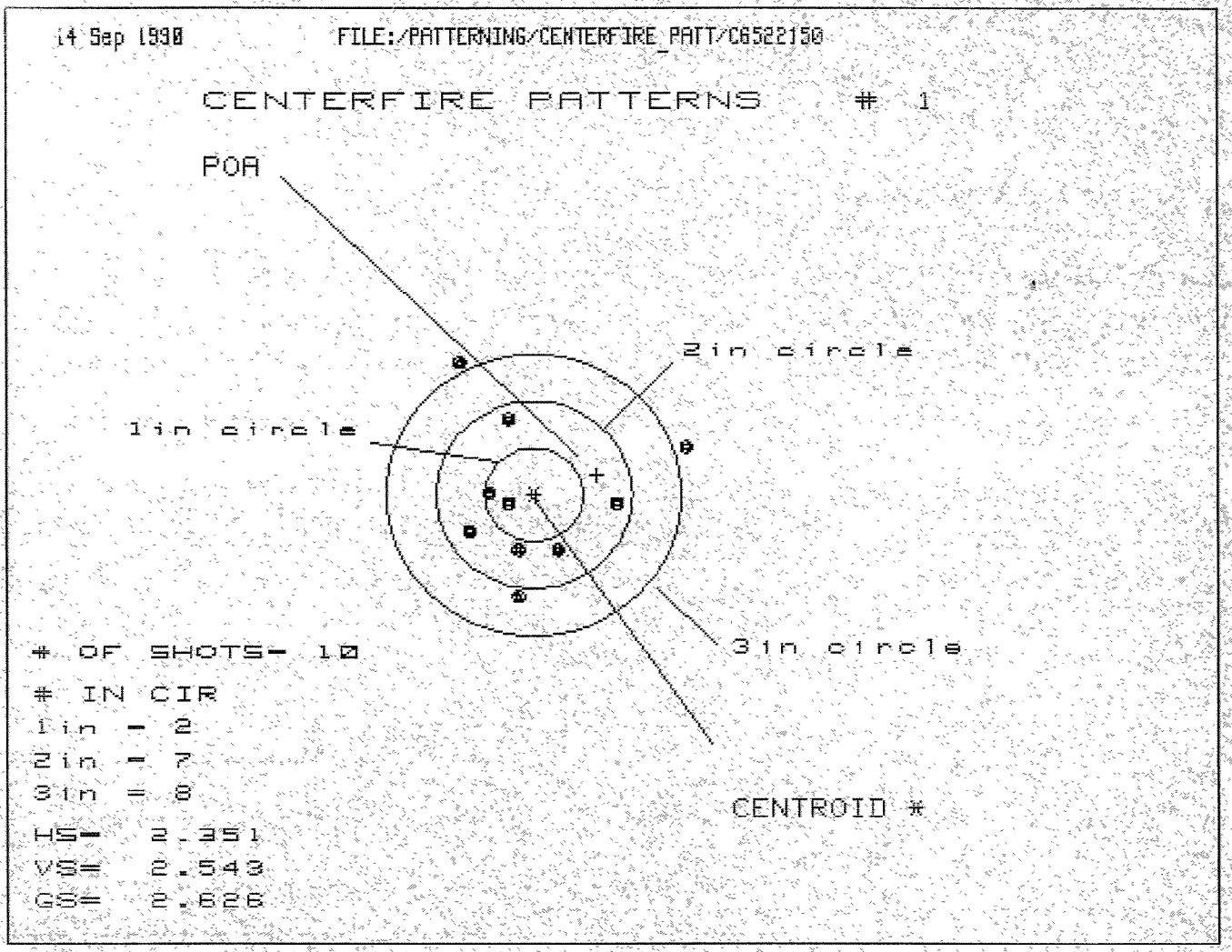
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522150
14 Sep 1990

CENTROIDAL DISTANCES

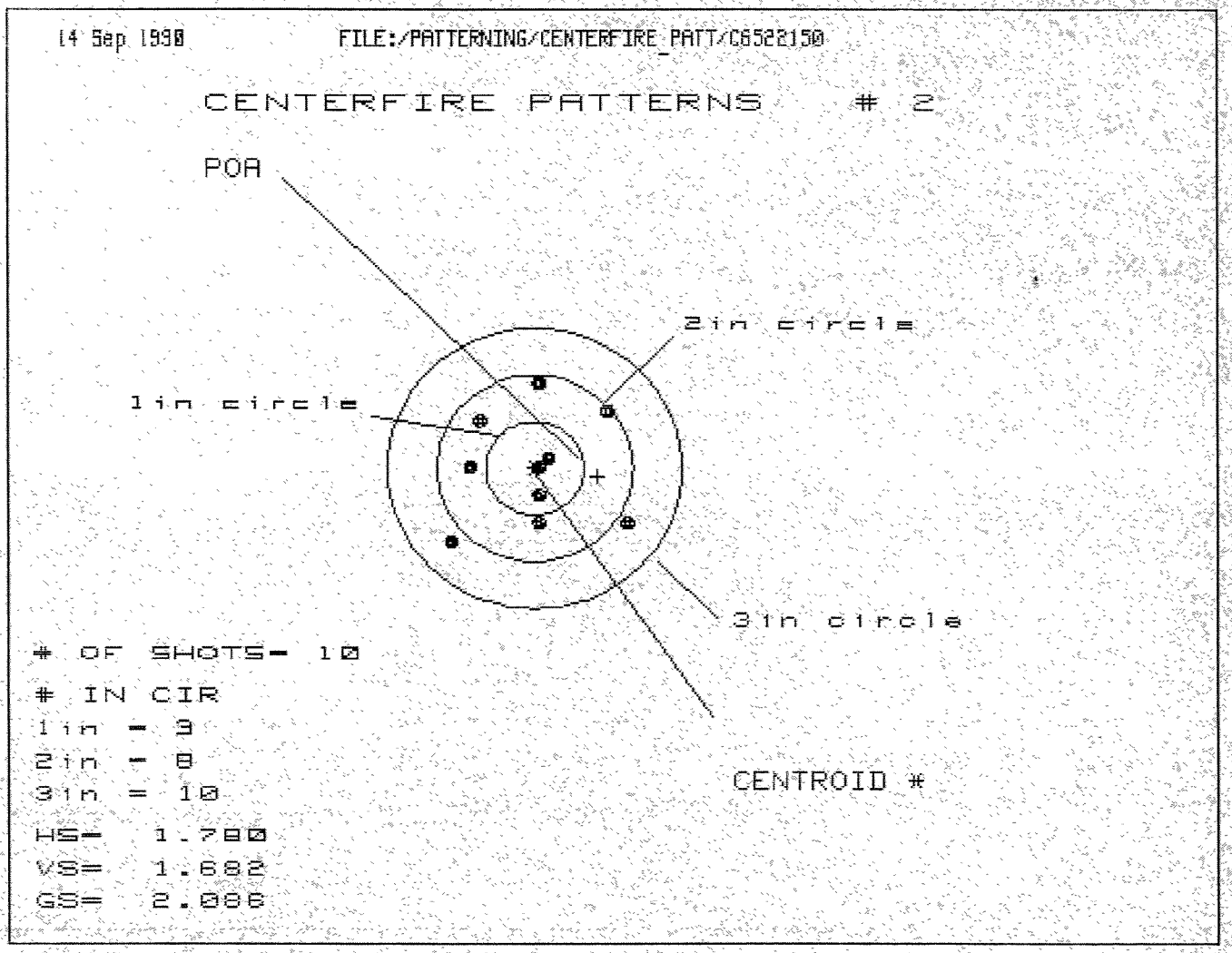
0	TO	1	.677676
1	TO	2	.300002
1	TO	3	.198003
1	TO	4	.277218
1	TO	5	.677574

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4278
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.146
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .452027

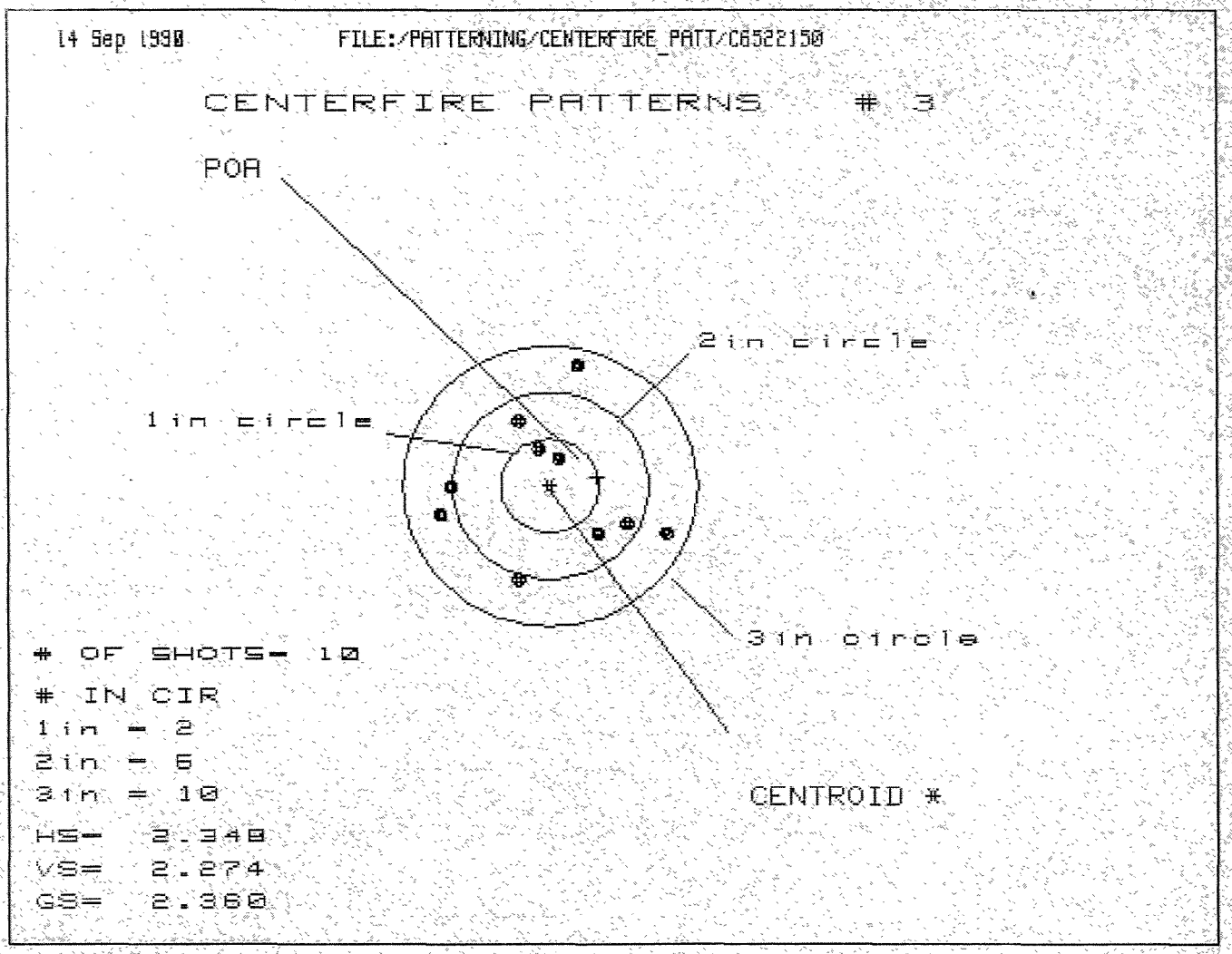
THE AMR FOR THIS RIFLE IS: .8218



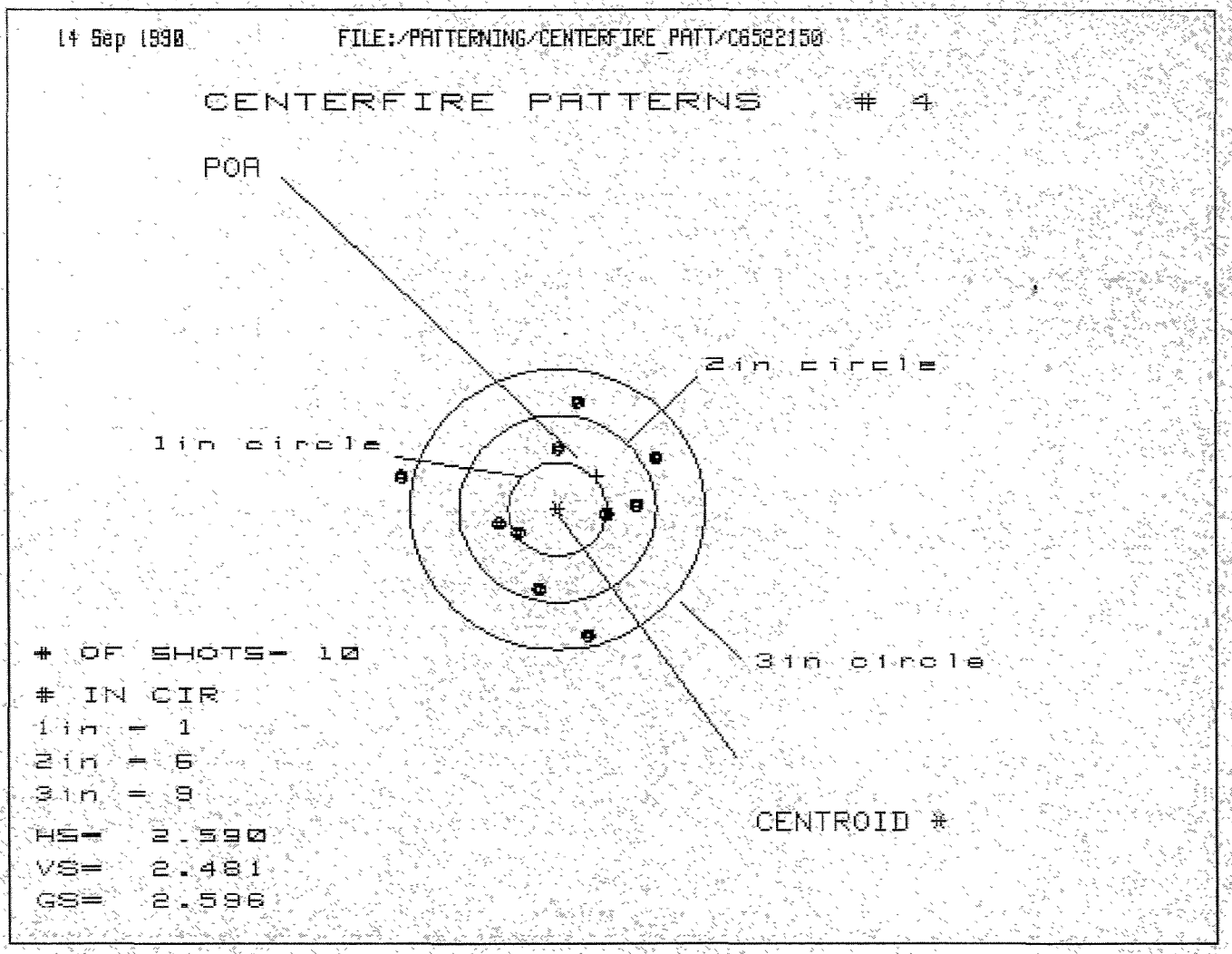
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.566	1.479	.916
MINIMUM X	:	-.785	-.786	-.602
MAXIMUM Y	:	1.455	1.019	1.101
MINIMUM Y	:	-1.088	-.926	-.844
CENTROID X	:	-.643	-.556	-.740
CENTROID Y	:	-.214	-.376	-.458
POA TO CENTROID in.	:	.678	.671	.871
MIN RADIUS	:	.262	.321	.180
MEAN RADIUS	:	.883	.776	.618
MAX RADIUS	:	1.654	1.618	1.114
HORIZONTAL SPREAD	:	2.351	2.265	1.518
VERTICAL SPREAD	:	2.543	1.945	1.945
EXTREME SPREAD	:	2.626	2.441	1.950
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



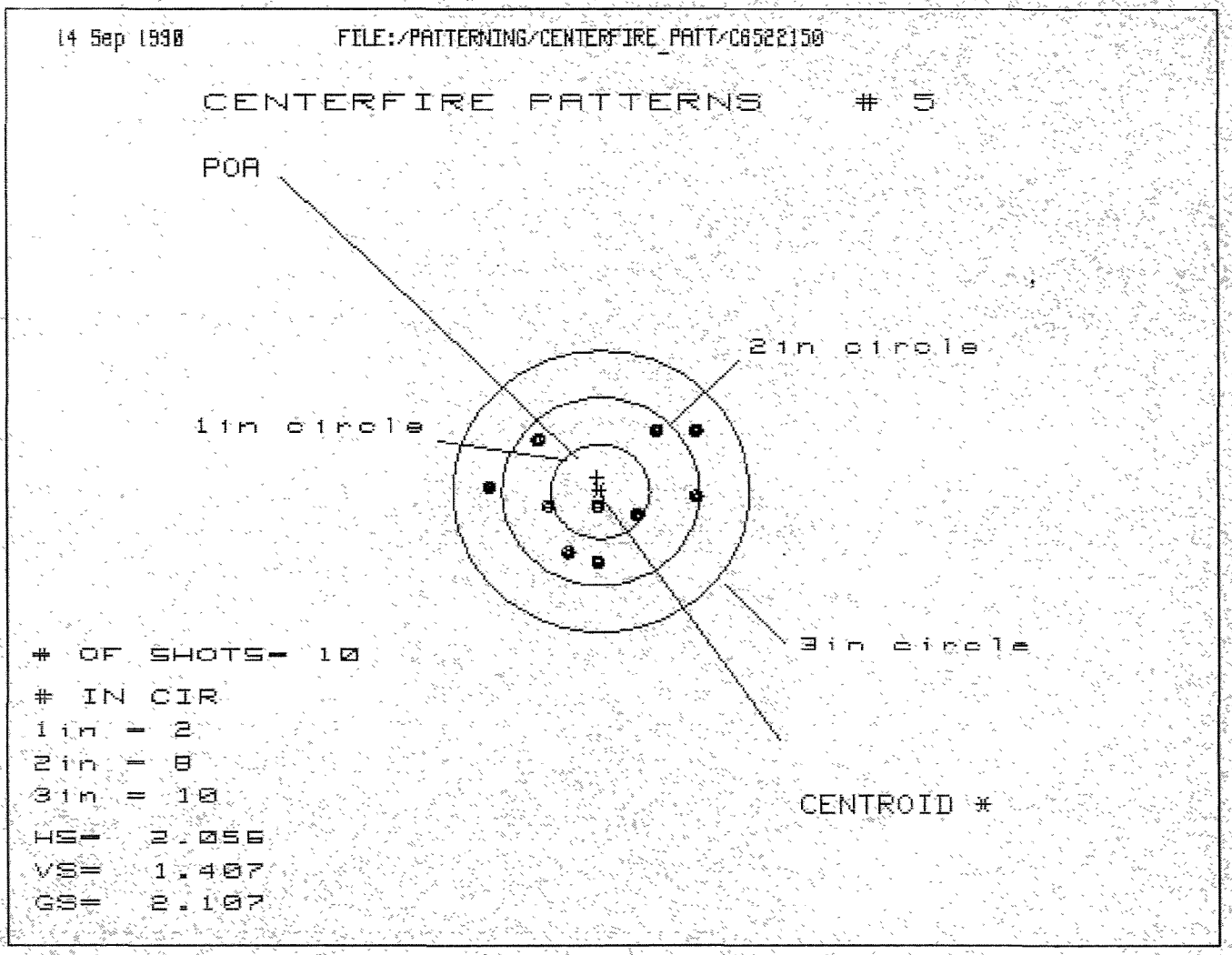
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	.847	.707
MINIMUM X	:	-.840	-.728	-.622
MAXIMUM Y	:	.900	.813	.726
MINIMUM Y	:	-.782	-.702	-.746
CENTROID X	:	-.642	-.549	-.655
CENTROID Y	:	.086	.173	.260
POA TO CENTROID in.	:	.648	.576	.705
MIN RADIUS	:	.015	.088	.189
MEAN RADIUS	:	.655	.604	.549
MAX RADIUS	:	1.147	1.100	.842
HORIZONTAL SPREAD	:	1.780	1.575	1.329
VERTICAL SPREAD	:	1.682	1.515	1.472
EXTREME SPREAD	:	2.086	1.864	1.472
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



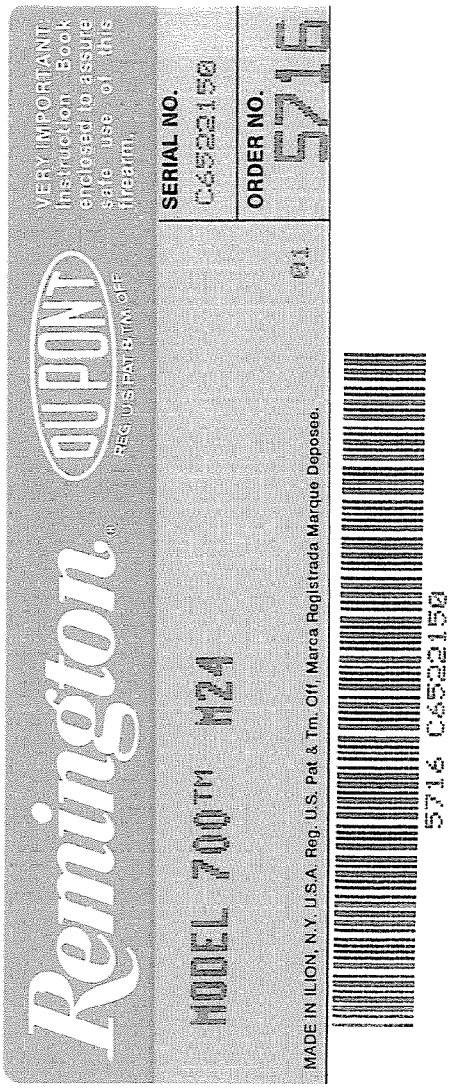
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.222	.941	.992
MINIMUM X	:	-1.126	-.990	-.939
MAXIMUM Y	:	1.309	1.248	.824
MINIMUM Y	:	-.965	-1.026	-.870
CENTROID X	:	-.484	-.620	-.671
CENTROID Y	:	-.096	-.035	-.191
POA TO CENTROID in.	:	.494	.621	.698
MIN RADIUS	:	.273	.286	.439
MEAN RADIUS	:	.896	.833	.783
MAX RADIUS	:	1.338	1.314	1.045
HORIZONTAL SPREAD	:	2.348	1.931	1.931
VERTICAL SPREAD	:	2.274	2.274	1.694
EXTREME SPREAD	:	2.360	2.340	1.935
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

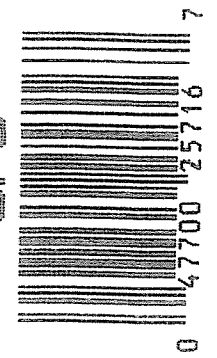


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	.807	.827
MINIMUM X	:	-1.604	-.774	-.754
MAXIMUM Y	:	1.125	1.161	.996
MINIMUM Y	:	-1.356	-1.320	-1.006
CENTROID X	:	-.402	-.223	-.243
CENTROID Y	:	-.351	-.387	-.222
POA TO CENTROID in.	:	.533	.447	.329
MIN RADIUS	:	.494	.335	.386
MEAN RADIUS	:	.918	.823	.747
MAX RADIUS	:	1.637	1.329	1.059
HORIZONTAL SPREAD	:	2.590	1.581	1.581
VERTICAL SPREAD	:	2.481	2.481	2.002
EXTREME SPREAD	:	2.596	2.483	2.042
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.964	1.067	.943
MINIMUM X	:	-1.092	-.989	-.662
MAXIMUM Y	:	.701	.737	.760
MINIMUM Y	:	-.707	-.629	-.606
CENTROID X	:	.032	-.071	.053
CENTROID Y	:	-.155	-.233	-.256
POA TO CENTROID in.	:	.159	.244	.261
MIN RADIUS	:	.186	.151	.087
MEAN RADIUS	:	.757	.691	.638
MAX RADIUS	:	1.163	1.067	.944
HORIZONTAL SPREAD	:	2.056	2.056	1.605
VERTICAL SPREAD	:	1.407	1.366	1.366
EXTREME SPREAD	:	2.107	2.063	1.724
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C4522150
ORDER NO.
576
MODEL 700™ M24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.
5716 C4522150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0 47700 25716 7