CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

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: RE00136222

Verify Repair

Serial: C6523341 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/2/2007 10:16:58 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	BARRY MOBERLY		BARRY MOBERLY
Address 1:	L-3 COMMUNICATIONS		L-3 COMMUNICATIONS
Address 2:	5749 BRIAR HILL RD BLDG 221	PO Box:	5749 BRIAR HILL RD BLDG 221 PO Box:
City:	LEXINGTON		LEXINGTON
State:	KY Zip Code: 40516 Country: US		State: KY Zip Code: 40516 Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
DOOC	SCOPE CASE	1

Repair Search | Refresh | Close

nagletj | 11/2/2007 | 1:12 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | 5 Int... | 4 Mi... | Part S... | longo... | Arms ... | 1:12 PM

Serial Number: C6523341

Model: M24 SWS

RE00136222

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

R & B NUMBER 136222

SERIAL NUMBER C6523341

LOG-IN DATE 11-2-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-10-08	RTZ
505	RE-BARREL		7-18-08	RTZ
560	ASSEMBLE		7-15-08	RSN
600	PROOF		7-16-08	TRW
605	CHECK HEADSPACE		7-16-08	TRW
610	DIS-ASSEMBLE GUN		7-18-08	RTZ
612	MAGNAFLUX	MAGNA-FLUX JUL 25 2008 OPERATOR RJT	7/25/08	RJT
510	DRILL AND TAP		7-19-08	SP
615	ROLLMARK CALIBER		7/25/08	RT
618	ROTO-BLAST		7/25/08	DG
620	APPLY COATINGS		8/	
625	FINAL ASSEMBLY		8-5-08	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-2-08	FM
650	TARGET	(PASS) FAIL	9-2-08	FM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-2-08	TMW
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	9-8-08 9-8-08	RTZ RJZ
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.50 2.44 2.41 2.46 2.46	9.8.08	RSN
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6# 6# 6#	9-8-08	RTZ
	G) SAFETY OFF FORCE (2 LBS MIN)	3# 3# 3#	9-8-08	RTZ
	I) FIRING PIN INDENT .020	0.24 0.24 0.24	9-8-08	RTZ
690	PACK		9/9/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523341.__0
FILE DATE AND TIME: 09/02/2008 09:55

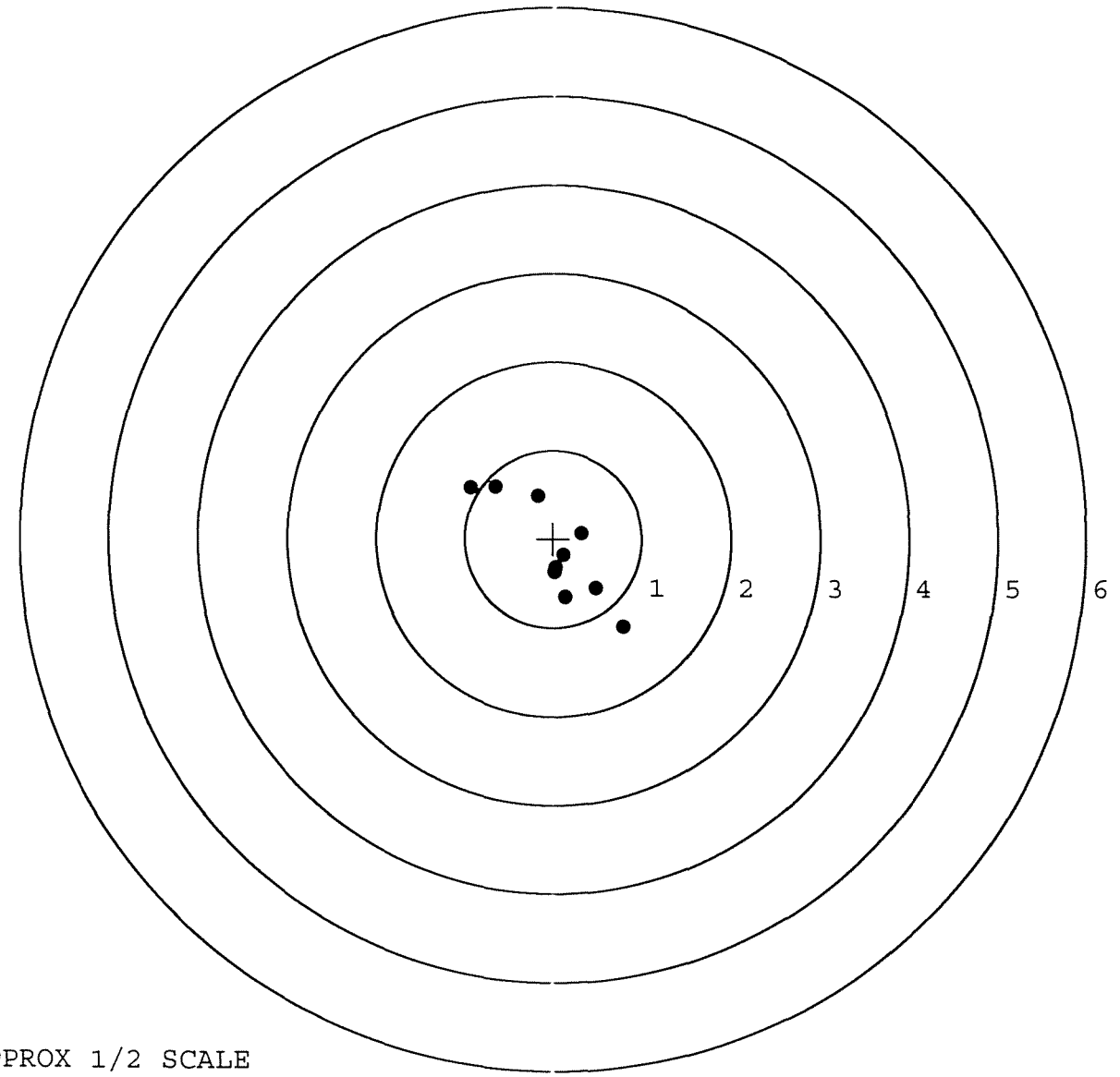
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	-0.089
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.570
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.071
The Distance from Centroid Target #3 to Centroid Target #1:	0.146
The Distance from Centroid Target #4 to Centroid Target #1:	0.090
The Distance from Centroid Target #5 to Centroid Target #1:	0.053

SERIAL NUMBER: C6523341.__0
TARGET NUMBER: 1
FILE DATE: 09/02/2008
FILE TIME: 09:55

X CENTROID:	0.013
Y CENTROID:	-0.139
POA TO CENTROID:	0.139
HORZ SPREAD:	1.738
VERT SPREAD:	1.574
GROUP SPREAD:	2.339
MIN RADIUS:	0.116
MAX RADIUS:	1.192
MEAN RADIUS:	0.607
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.799	-0.987
2:	0.482	-0.555
3:	0.134	-0.662
4:	0.015	-0.386
5:	0.118	-0.188
6:	0.321	0.065
7:	-0.178	0.485
8:	-0.657	0.587
9:	-0.939	0.579
10:	0.033	-0.327

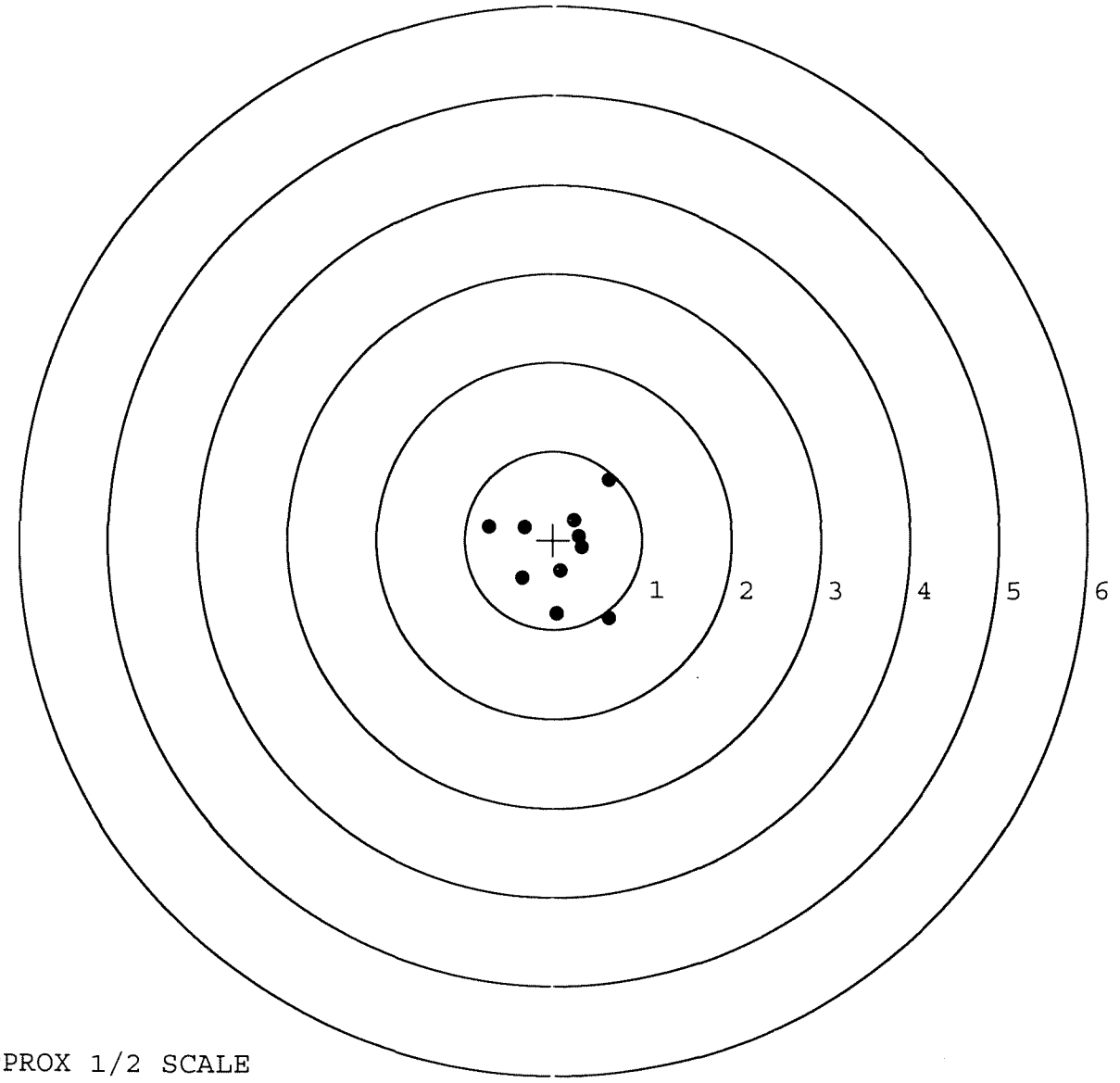


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523341.__0
TARGET NUMBER: 2
FILE DATE: 09/02/2008
FILE TIME: 09:55

X CENTROID:	0.084
Y CENTROID:	-0.133
POA TO CENTROID:	0.157
HORZ SPREAD:	1.356
VERT SPREAD:	1.561
GROUP SPREAD:	1.626
MIN RADIUS:	0.219
MAX RADIUS:	0.985
MEAN RADIUS:	0.560
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.629	-0.875
2:	0.043	-0.830
3:	-0.349	-0.432
4:	0.084	-0.352
5:	0.323	-0.081
6:	0.293	0.044
7:	0.233	0.222
8:	0.632	0.686
9:	-0.326	0.143
10:	-0.724	0.149

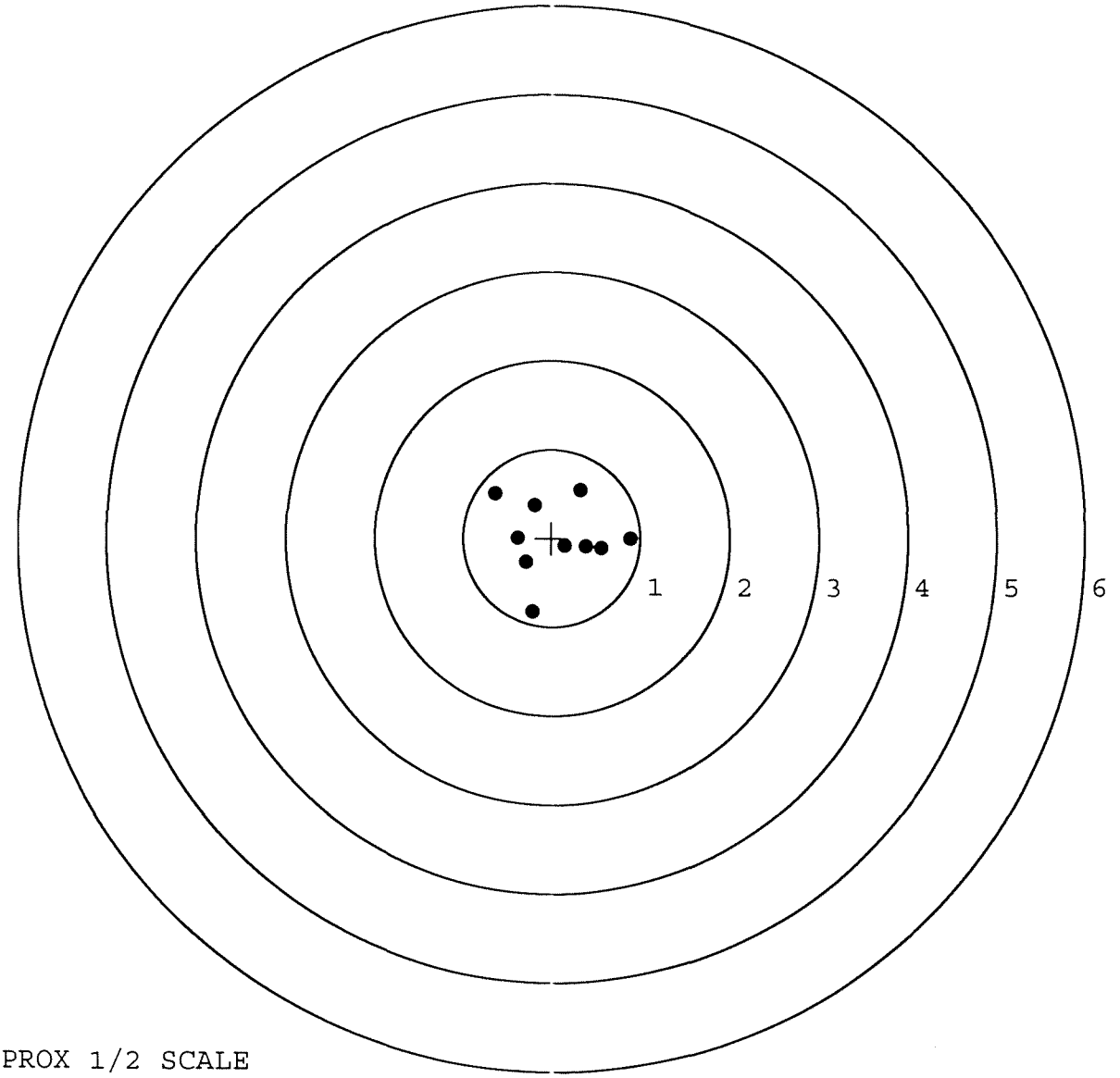


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523341.__0
TARGET NUMBER: 3
FILE DATE: 09/02/2008
FILE TIME: 09:55

X CENTROID:	0.059
Y CENTROID:	-0.001
POA TO CENTROID:	0.059
HORZ SPREAD:	1.533
VERT SPREAD:	1.377
GROUP SPREAD:	1.478
MIN RADIUS:	0.128
MAX RADIUS:	0.877
MEAN RADIUS:	0.551
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.215	-0.834
2:	-0.293	-0.279
3:	-0.382	-0.002
4:	0.152	-0.088
5:	0.393	-0.097
6:	0.564	-0.116
7:	0.888	-0.011
8:	0.323	0.543
9:	-0.198	0.372
10:	-0.645	0.504

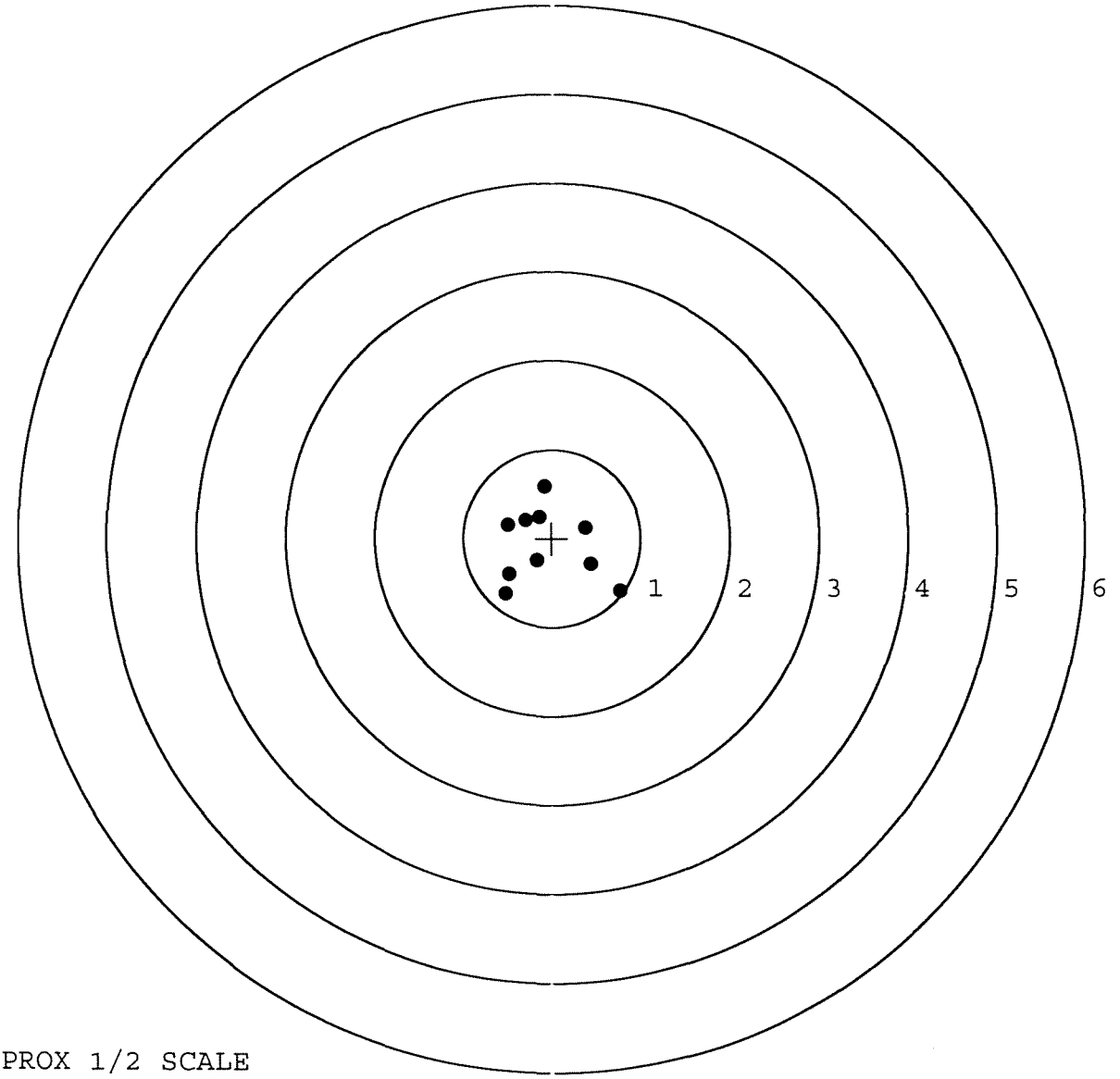


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523341.__0
TARGET NUMBER: 4
FILE DATE: 09/02/2008
FILE TIME: 09:55

X CENTROID:	-0.061
Y CENTROID:	-0.087
POA TO CENTROID:	0.107
HORZ SPREAD:	1.296
VERT SPREAD:	1.220
GROUP SPREAD:	1.472
MIN RADIUS:	0.196
MAX RADIUS:	0.973
MEAN RADIUS:	0.533
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.771	-0.592
2:	0.444	-0.288
3:	0.382	0.123
4:	-0.172	-0.249
5:	-0.525	-0.632
6:	-0.485	-0.413
7:	-0.499	0.152
8:	-0.143	0.237
9:	-0.090	0.588
10:	-0.297	0.201

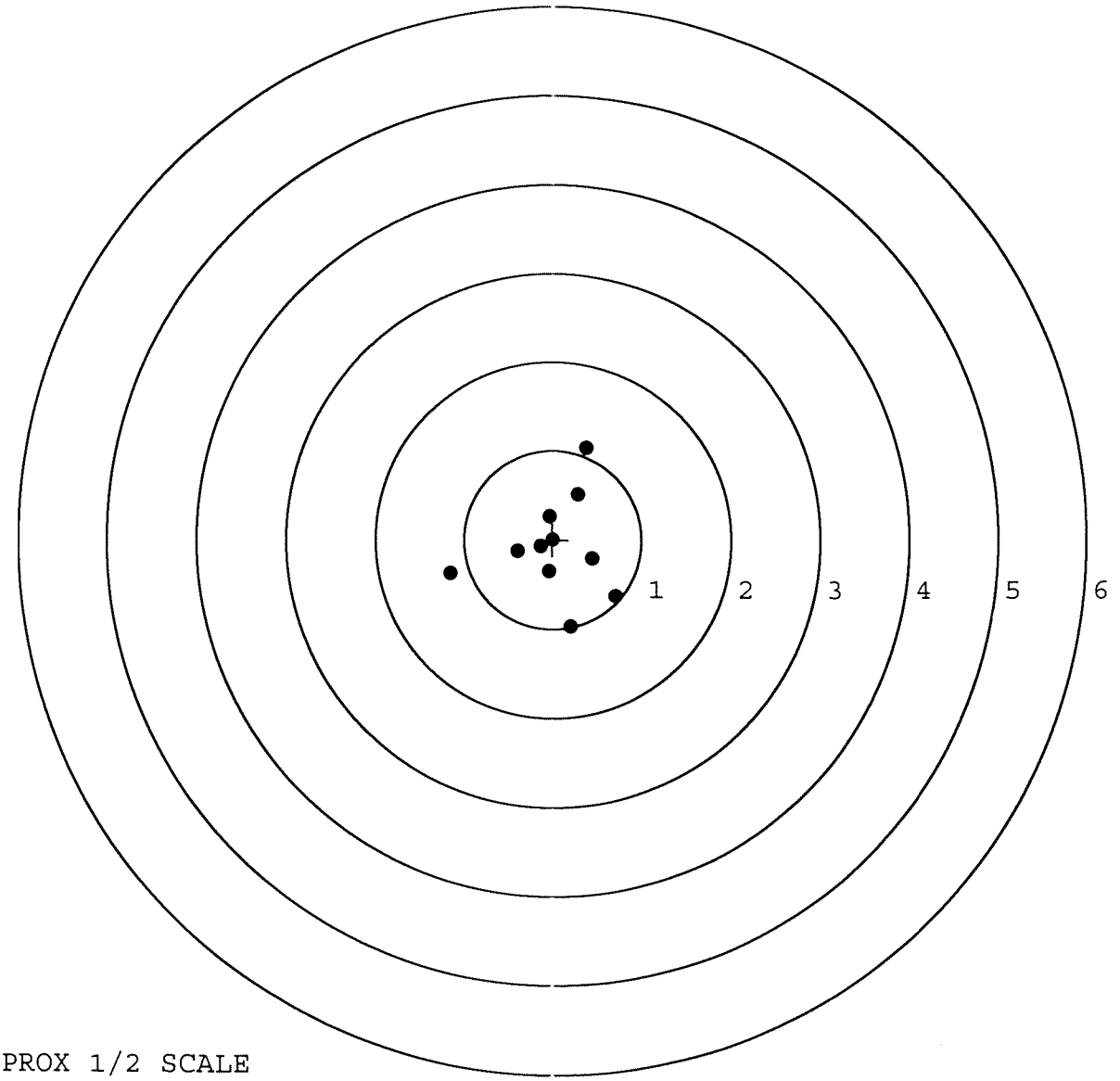


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523341.__0
TARGET NUMBER: 5
FILE DATE: 09/02/2008
FILE TIME: 09:55

X CENTROID:	0.024
Y CENTROID:	-0.087
POA TO CENTROID:	0.091
HORZ SPREAD:	1.863
VERT SPREAD:	2.009
GROUP SPREAD:	2.086
MIN RADIUS:	0.090
MAX RADIUS:	1.216
MEAN RADIUS:	0.598
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	11

POINT#	X	Y
1:	0.001	0.000
2:	0.209	-0.980
3:	0.707	-0.632
4:	0.448	-0.209
5:	-0.045	-0.355
6:	-0.399	-0.128
7:	-1.156	-0.379
8:	-0.137	-0.075
9:	-0.035	0.261
10:	0.293	0.508
11:	0.383	1.029



TARGET APPROX 1/2 SCALE

BARBER - M24-0006385

RECEIVING AND ESTIMATING REPORT

R 94-18345

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope 89-0600

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523341		700 7.62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS		COMMENTS
Trigger Assy	173.71	
Scope Repair	119.43	
Clean/Insp/Prep	50.00	
~~XXXXX~~		
	343.14	

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC	AC	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			11/2/95	11/2/95	

RD6925 REV. 1/94

OFFICE COPY

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

SWS TRIGGER PULL TEST

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

SERIAL NO. C16523341

DATE

TESTER PW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.68	2.50		MIN. SETTING,
PULL #2	2.70	2.67	2.70		NO AVG. OF 5
PULL #3	2.67	2.67	2.90		READINGS ACCEPT-
PULL #4	2.62	2.65	2.35		ABLE LESS THAN 2#
PULL #5	2.64	2.70	2.26		
TOTAL	13.32	13.37	12.71		
AVG.	2.66	2.67	2.54		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.09		
PULL #2	3.09	3.11		
PULL #3	3.13	3.13		
PULL #4	3.14	3.10		
PULL #5	3.16	3.18		
TOTAL	15.60	15.61		
AVG.	3.12	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.24		4.13
PULL #2	4.06	4.10		4.10
PULL #3	4.08	4.22		4.01
PULL #4	4.15	4.23		4.15
PULL #5	4.19	4.23		4.05
TOTAL	20.54	21.00		20.44
AVG.	4.11	4.20		4.09

M-24

CONTRACT # DAAA21-87-C-0086

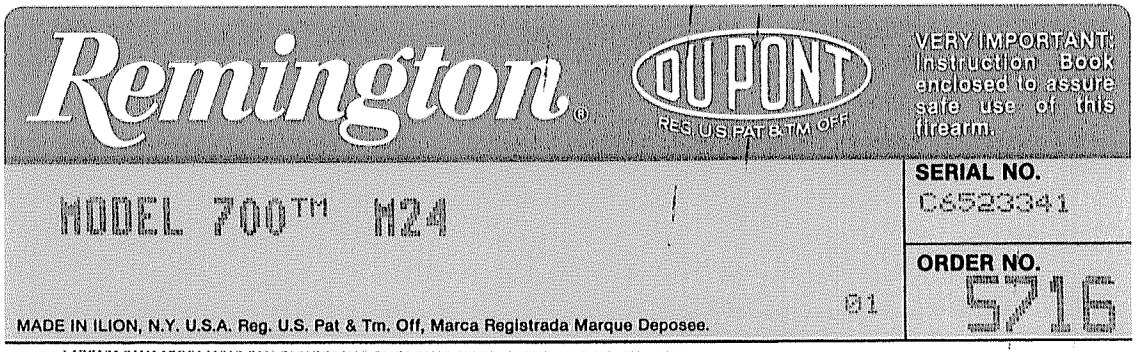
GUN SERIAL # C6523341

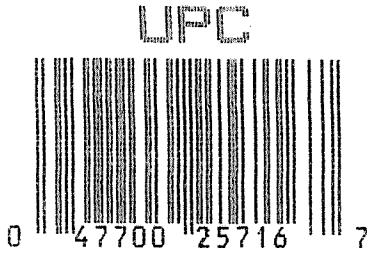
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	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	6	5 3/4	5 3/4			11/27	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			11/27	WB
	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	2.43	2.44	2.46	2.40	2.52	11/27	WB
	C) Function							
660	Pack							

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0006389





BARBER - M24 0006389

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523341

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	BS
617	Drill and Tap Sight Holes		9/28/90	WB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10/5/90	TH
	Apply Coating (Bolt)		10/5/90	TH
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/10/90	WB

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	10/10/90	WB
	G) Safety Off Force	3 | 3 | 3	10/10/90	WB
	H) Trigger Pull Test & Retainability		10/10/90	WB
	I) Firing Pin Indent	.0225 | .0225 | .0225	10/10/90	WB
	J) Assemble Stock		10/10/90	RW
	K) Assemble Swivel Studs		2/6/90	RW
	L) Attach Front and Rear Sight Assemblies		10/10/90	RW
	M) Iron Sight Alignment		10/10/90	RW
	N) Detach Front & Rear Sights & place in numbered container		10/10/90	RW
	O) Attach Scope to Rifle		10/10/90	RW
	P) Detach & Attach Scope 20 Times		10/10/90	RW
640	Gallery Target & Test		10-11-90	DH
	A) Time		10-11-90	DH
	B) Malfunctions		10-11-90	DH
	C) Pierced Primers		10-11-90	DH
	D) Optical Clearity of Scope		10-11-90	DH
645	Inspect for Live Ammo		10-11-90	DH
655	Final Inspection A) Headspace		2/6/90	RW
	B) Trigger Pull	230 | 233 | 229 | 229 | 231	2/6/90	RW
	C) Function		2/6/90	RW
660	Pack		12/7/90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523341

DATE 10/10/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.46	2.44	2.30	MIN. SETTING,
PULL #2	2.54	2.34	2.32	2.33	NO AVG. OF 5
PULL #3	2.55	2.39	2.41	2.29	READINGS ACCEPT-
PULL #4	2.53	2.52	2.38	2.29	ABLE LESS THAN 2#
PULL #5	2.50	2.41	2.42	2.30	
TOTAL	12.48	12.12	10.97		
AVG.	2.49	2.42	2.19		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.16		
PULL #2	3.33	3.18		
PULL #3	3.33	3.16		
PULL #4	3.42	3.16		
PULL #5	3.22	3.14		
TOTAL	16.65	15.80		
AVG.	3.33	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.09		4.03
PULL #2	4.14	4.06		4.20
PULL #3	4.11	4.10		4.24
PULL #4	4.13	4.10		4.21
PULL #5	4.11	4.15		4.30
TOTAL	20.67	20.50		21.28
AVG.	4.13	4.10		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523341
12 Oct 1990

CENTROIDAL DISTANCES

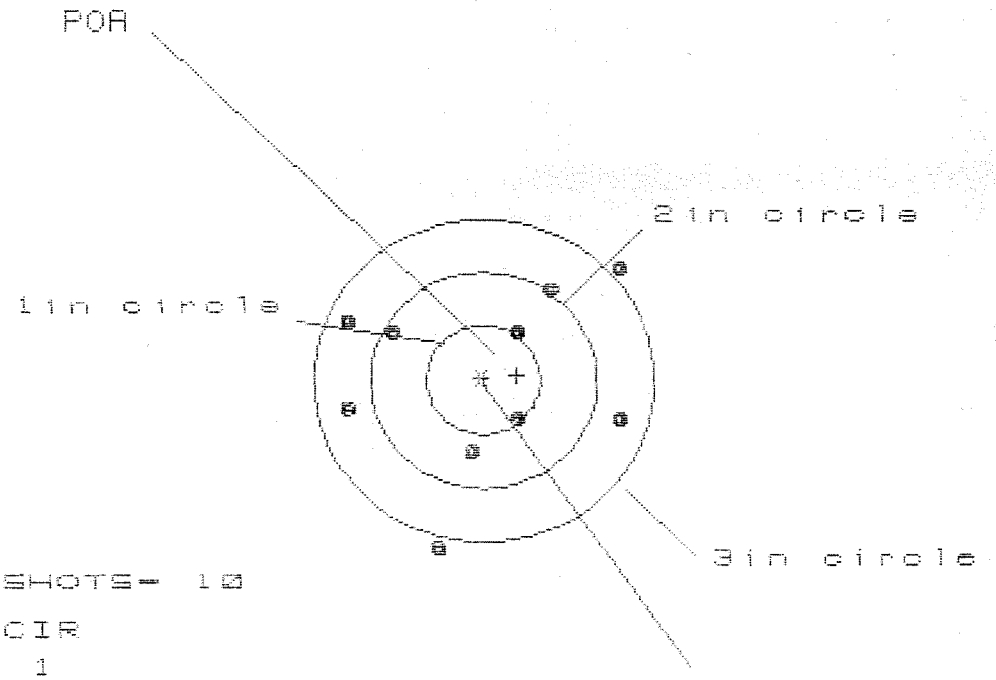
0	TO	1	.300097
1	TO	2	.647408
1	TO	3	.500892
1	TO	4	.770974
1	TO	5	.692665

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1912
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1484
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .242033

THE AMR FOR THIS RIFLE IS: 1.015

12 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523341

CENTERFIRE PATTERNS # 1

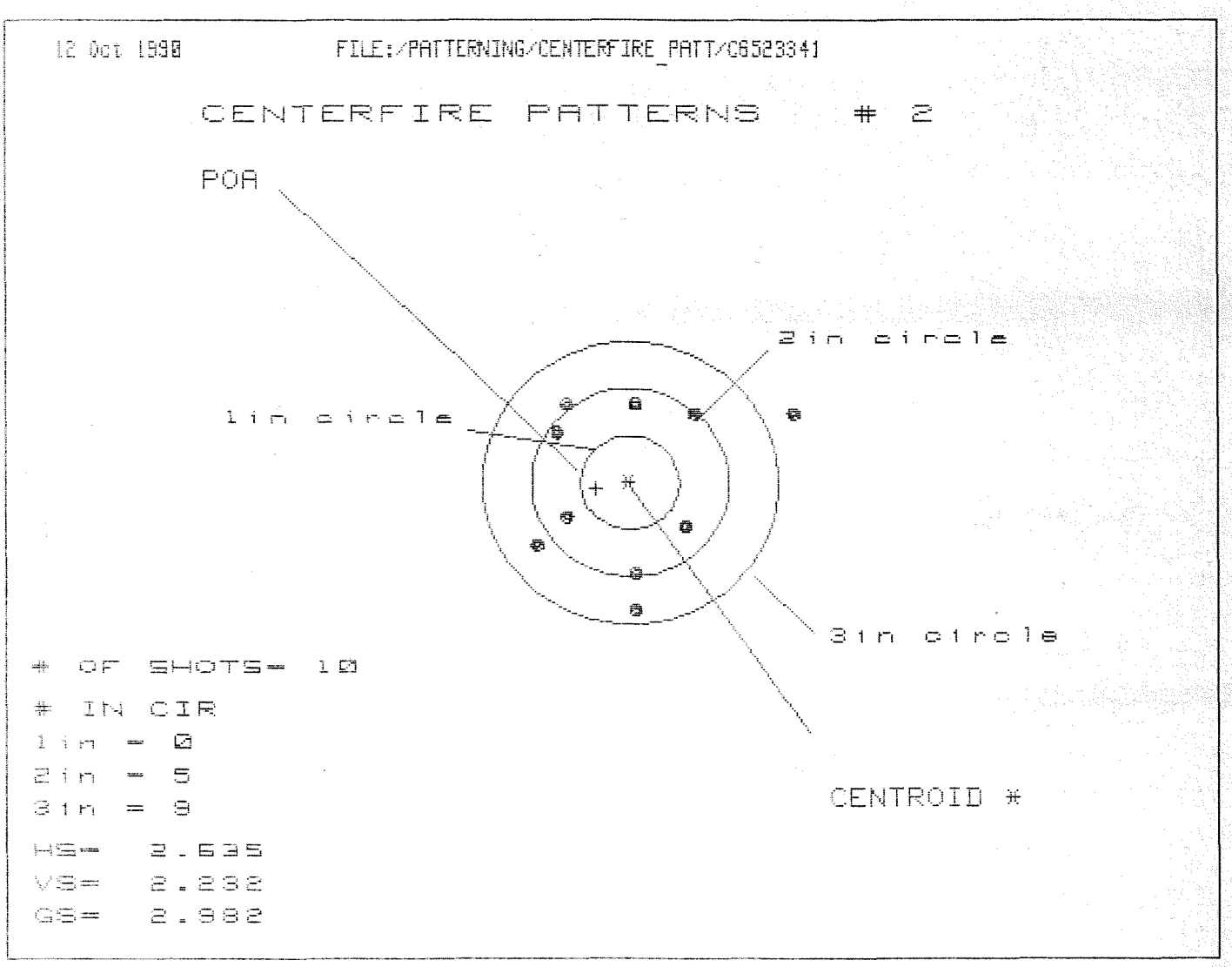


OF SHOTS= 10

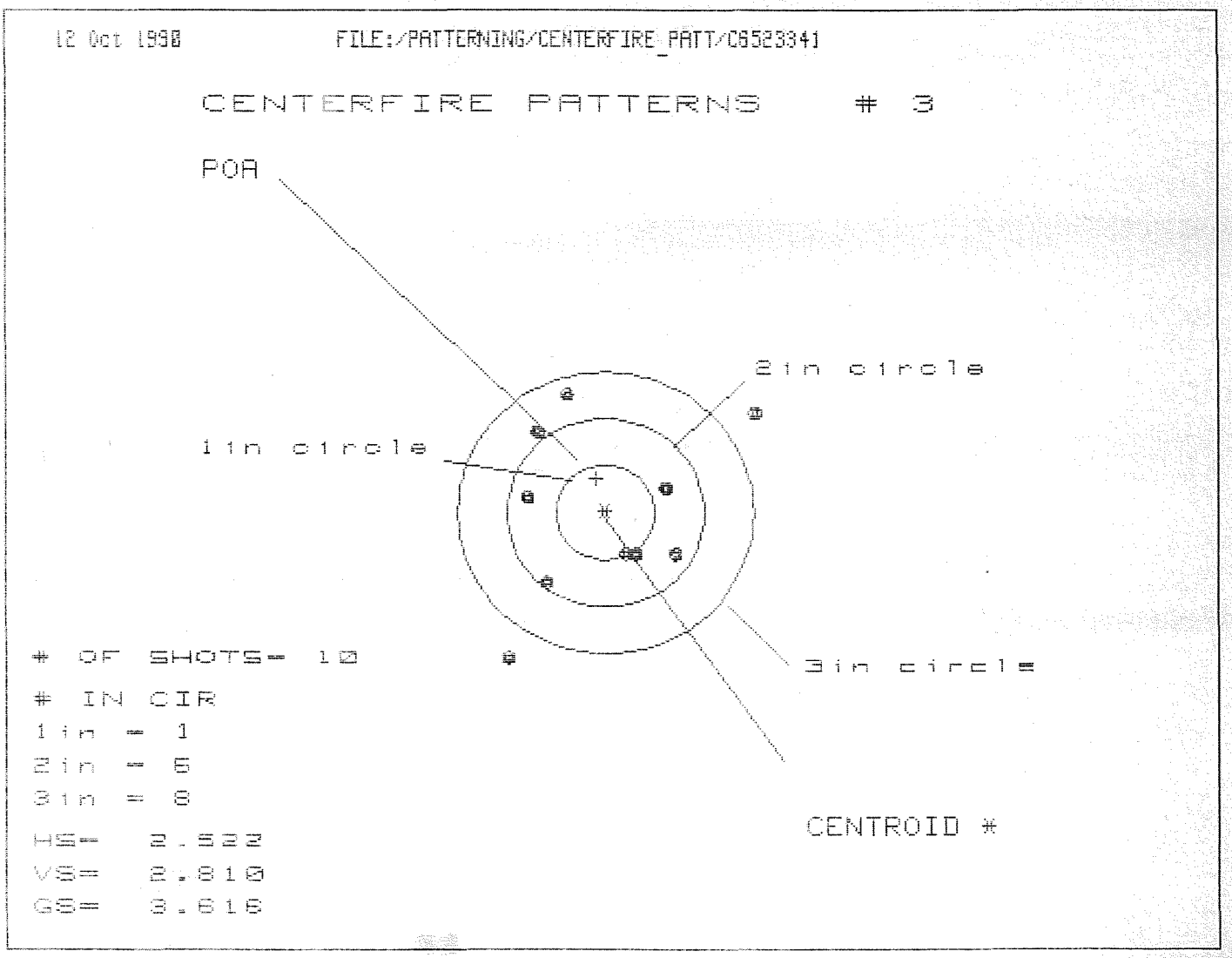
# IN CIR
1in = 1
2in = 4
3in = 8

HS= 2.419
VS= 2.594
GS= 3.047

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.242	1.203	1.353
MINIMUM X	:	-1.177	-1.216	-1.066
MAXIMUM Y	:	1.003	.826	.755
MINIMUM Y	:	-1.591	-.876	-.773
CENTROID X	:	-.297	-.258	-.408
CENTROID Y	:	-.043	.134	.031
POA TO CENTROID in.	:	.300	.290	.409
MIN RADIUS	:	.410	.350	.526
MEAN RADIUS	:	1.056	.982	.915
MAX RADIUS	:	1.631	1.459	1.420
HORIZONTAL SPREAD	:	2.419	2.419	2.419
VERTICAL SPREAD	:	2.594	1.702	1.528
EXTREME SPREAD	:	3.047	2.697	2.567
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



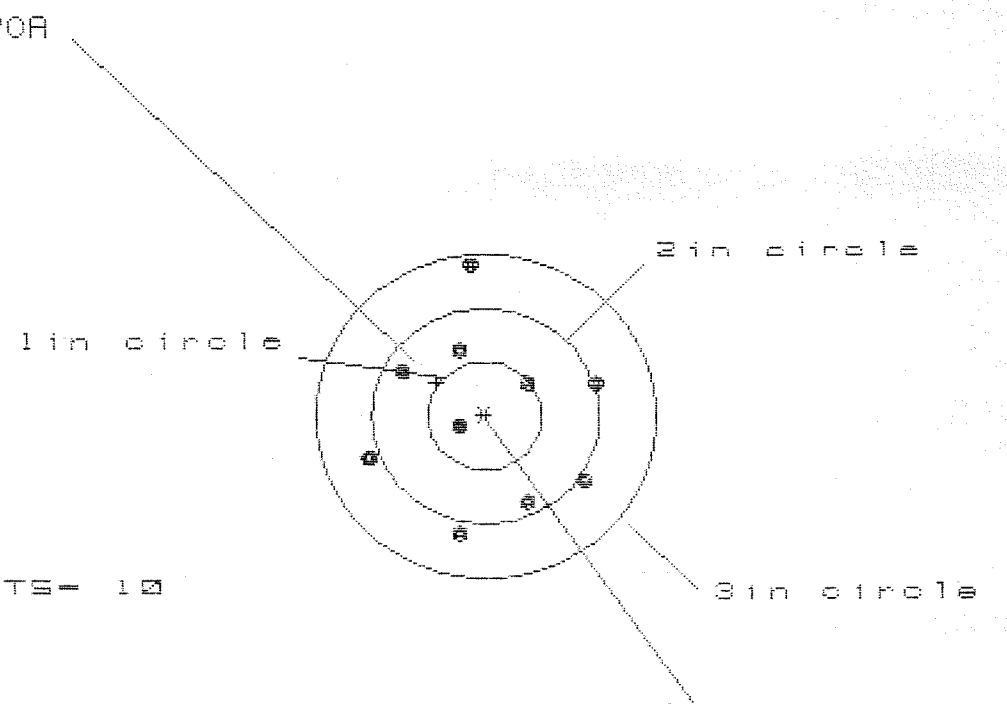
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.645	.889	.916
MINIMUM X	:	-.990	-.807	-.780
MAXIMUM Y	:	.884	.966	.808
MINIMUM Y	:	-1.348	-1.266	-1.067
CENTROID X	:	.342	.159	.132
CENTROID Y	:	.061	-.021	.137
POA TO CENTROID in.	:	.347	.160	.191
MIN RADIUS	:	.673	.576	.647
MEAN RADIUS	:	1.068	.964	.912
MAX RADIUS	:	1.802	1.284	1.150
HORIZONTAL SPREAD	:	2.635	1.696	1.696
VERTICAL SPREAD	:	2.232	2.232	1.875
EXTREME SPREAD	:	2.982	2.324	2.220
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.513	1.400	.764
MINIMUM X	:	-1.010	-.907	-.732
MAXIMUM Y	:	1.267	1.095	1.205
MINIMUM Y	:	-1.543	-.923	-.813
CENTROID X	:	.090	.202	.027
CENTROID Y	:	-.361	-.189	-.299
POA TO CENTROID in.	:	.372	.277	.300
MIN RADIUS	:	.460	.516	.543
MEAN RADIUS	:	1.034	.947	.841
MAX RADIUS	:	1.844	1.652	1.245
HORIZONTAL SPREAD	:	2.522	2.307	1.496
VERTICAL SPREAD	:	2.810	2.018	2.018
EXTREME SPREAD	:	3.616	2.731	2.025
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

12 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523341

CENTERFIRE PATTERNS # 4



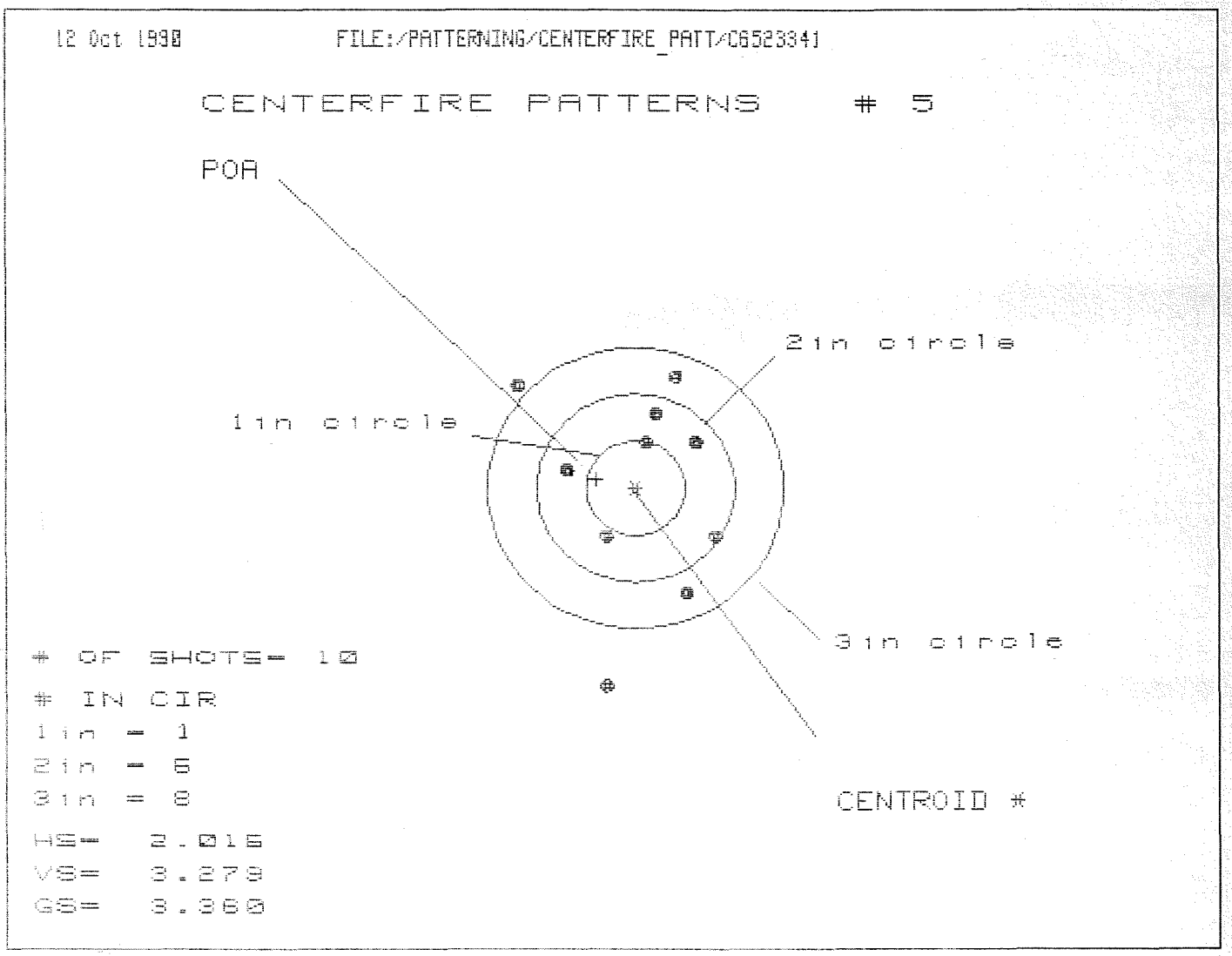
OF SHOTS= 10

# IN CIR
1in = 2
2in = 7
3in = 10

HS= 1.949
VS= 2.564
GS= 2.565

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.937	.922	.893
MINIMUM X	:	-1.012	-1.027	-1.056
MAXIMUM Y	:	1.424	.717	.594
MINIMUM Y	:	-1.140	-.982	-.728
CENTROID X	:	.427	.442	.471
CENTROID Y	:	-.308	-.466	-.343
POA TO CENTROID in.	:	.527	.642	.583
MIN RADIUS	:	.219	.223	.249
MEAN RADIUS	:	.855	.790	.747
MAX RADIUS	:	1.430	1.051	1.111
HORIZONTAL SPREAD	:	1.949	1.949	1.949
VERTICAL SPREAD	:	2.564	1.699	1.322
EXTREME SPREAD	:	2.565	2.055	2.055

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	:	.807	.769	.614
MINIMUM X	:	-1.209	-1.247	-.897
MAXIMUM Y	:	1.172	.938	1.051
MINIMUM Y	:	-2.107	-1.351	-1.238
CENTROID X	:	.394	.432	.588
CENTROID Y	:	-.091	.143	.030
POA TO CENTROID in.	:	.404	.455	.588
MIN RADIUS	:	.472	.237	.343
MEAN RADIUS	:	1.062	.896	.816
MAX RADIUS	:	2.134	1.540	1.267
HORIZONTAL SPREAD	:	2.016	2.016	1.511
VERTICAL SPREAD	:	3.279	2.289	2.289
EXTREME SPREAD	:	3.360	2.808	2.291
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	