C6587517

MODEL 700™ M24

Model SWS ™

Action

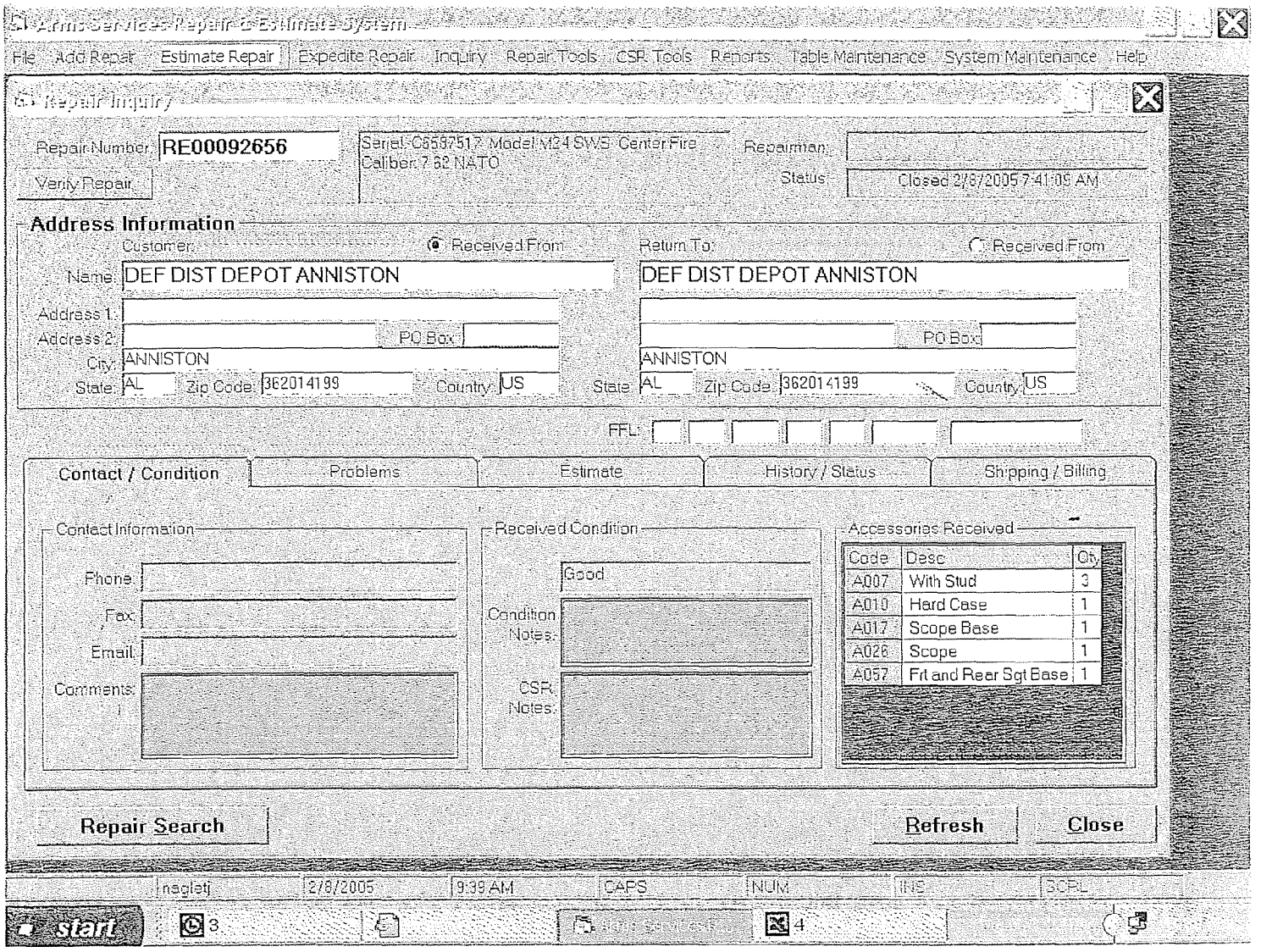
Barrel Length

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: RE00092656
Verify Repair
Serial: C6587517 Model: M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 2/8/2005 7:41:05 AM
Address Information
Customer
Received From
Name: DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box:
City: ANNISTON
State: AL Zip Code: 362014199 Country: US
Return To:
Received From
DEF DIST DEPOT ANNISTON
PO Box:
ANNISTON
State: AL Zip Code: 362014199 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
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
Inaglelj
2/8/2005
9:39 AM
CAPS
NUM
INS
SCRL
start


Serial Number: C6587517
Model: M24 SWS
RE00092656

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587517.__0
FILE DATE AND TIME: 02/15/2005 08:59

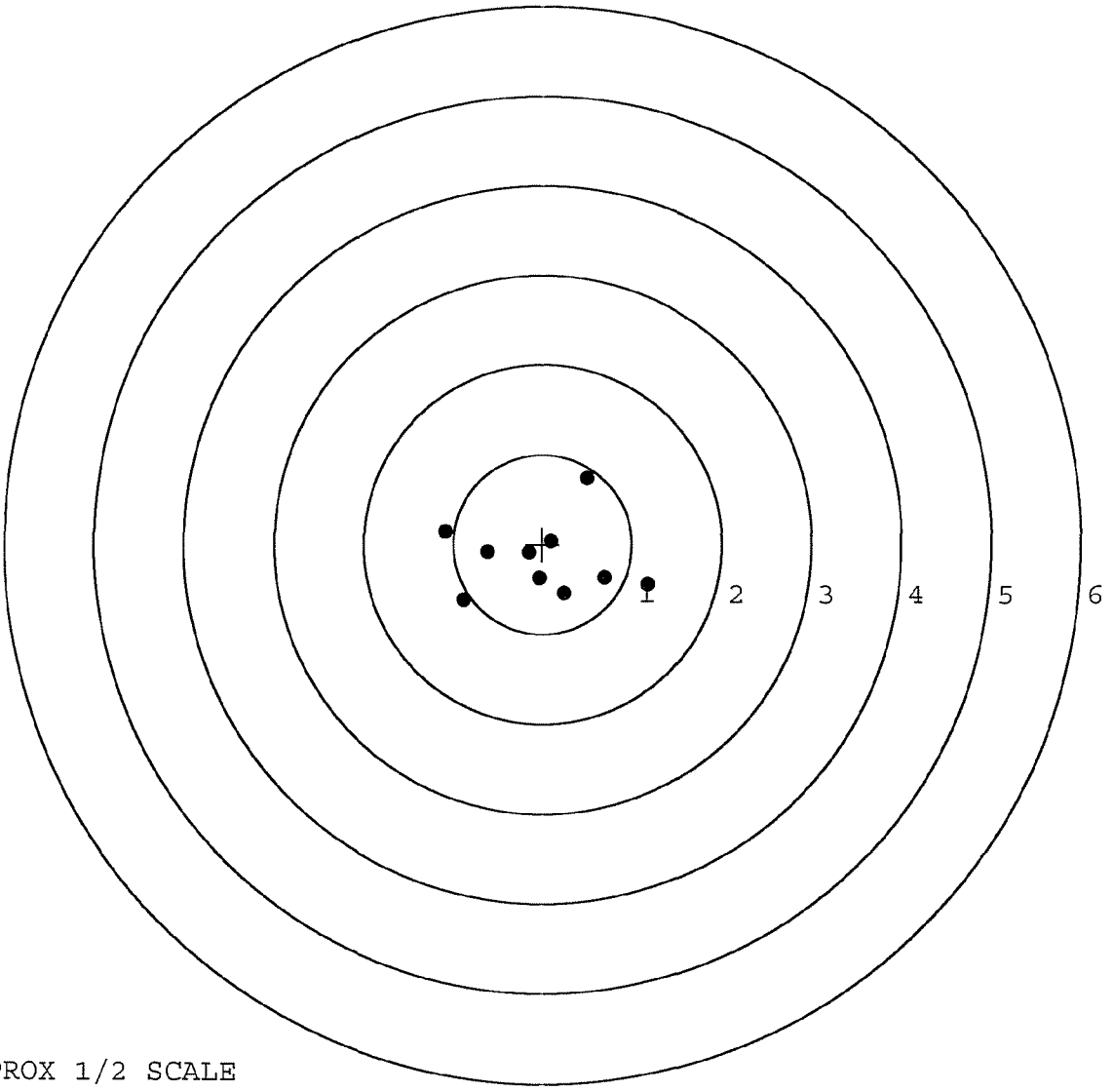
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.085
The Average Y Centroid of the Five Target Set:	-0.088
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.755
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.114
The Distance from Centroid Target #3 to Centroid Target #1:	0.324
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: C6587517.__0
TARGET NUMBER: 1
FILE DATE: 02/15/2005
FILE TIME: 08:59

X CENTROID:	-0.006
Y CENTROID:	-0.164
POA TO CENTROID:	0.164
HORZ SPREAD:	2.270
VERT SPREAD:	1.359
GROUP SPREAD:	2.346
MIN RADIUS:	0.158
MAX RADIUS:	1.217
MEAN RADIUS:	0.679
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.178	-0.448
2:	0.698	-0.375
3:	0.503	0.738
4:	0.097	0.037
5:	-0.148	-0.096
6:	-0.036	-0.384
7:	0.246	-0.552
8:	-0.886	-0.621
9:	-0.616	-0.089
10:	-1.092	0.146

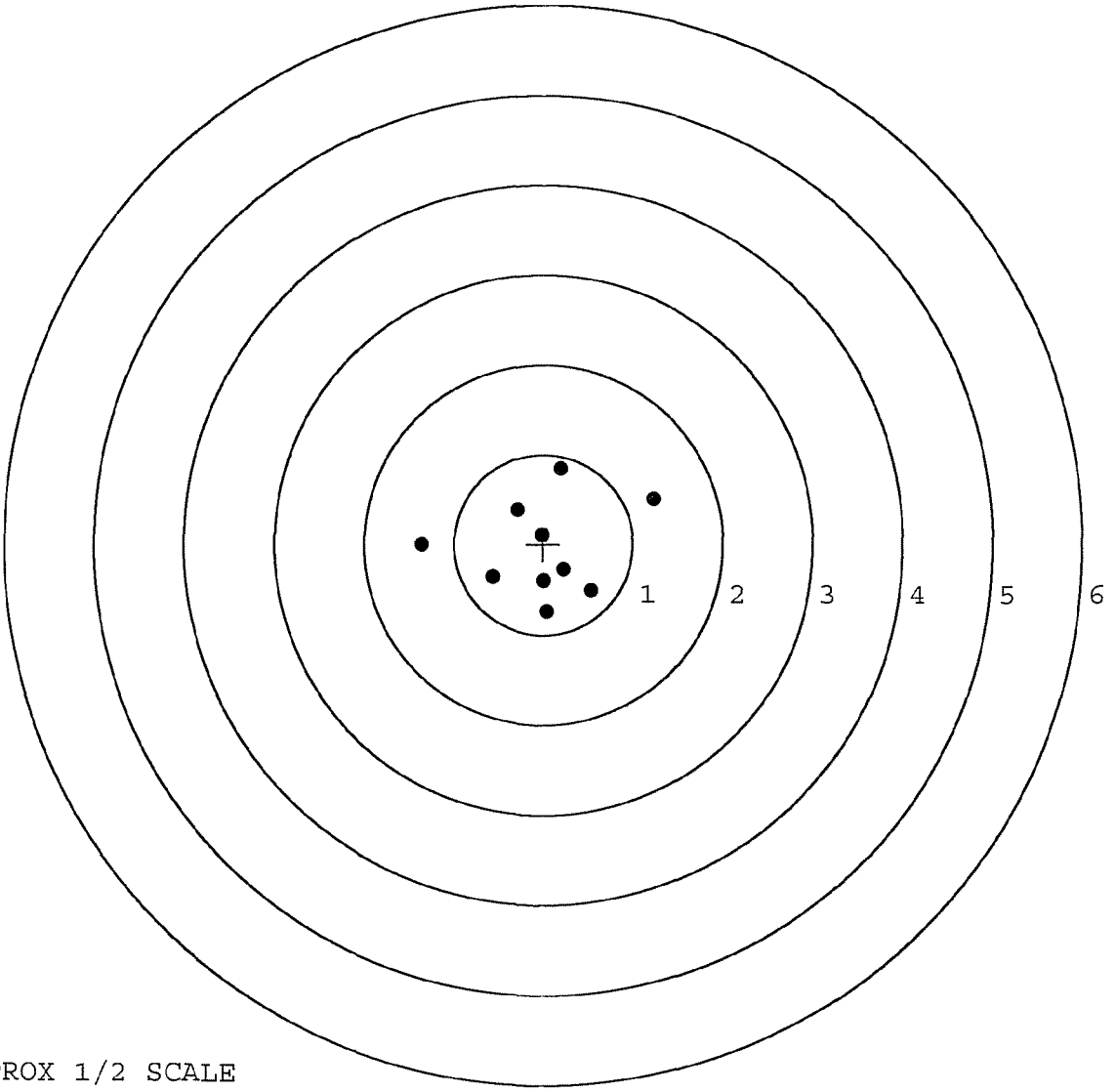


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587517.__0
TARGET NUMBER: 2
FILE DATE: 02/15/2005
FILE TIME: 08:59

X CENTROID:	0.002
Y CENTROID:	-0.051
POA TO CENTROID:	0.051
HORZ SPREAD:	2.586
VERT SPREAD:	1.593
GROUP SPREAD:	2.635
MIN RADIUS:	0.155
MAX RADIUS:	1.360
MEAN RADIUS:	0.704
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.229	0.501
2:	0.196	0.841
3:	0.536	-0.517
4:	-0.561	-0.369
5:	-1.357	-0.007
6:	-0.292	0.384
7:	-0.008	0.104
8:	0.228	-0.284
9:	0.009	-0.411
10:	0.043	-0.752

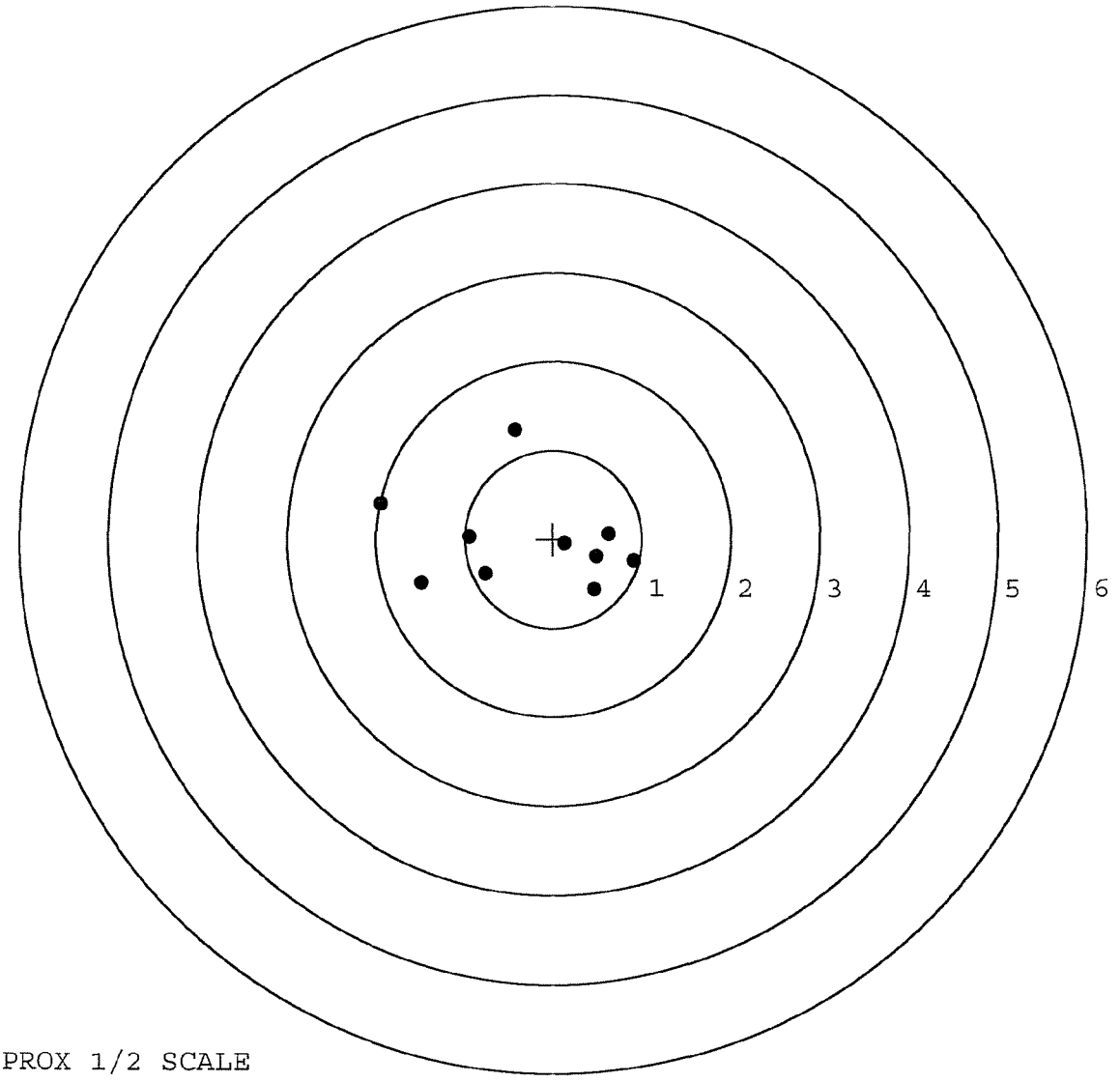


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587517.__0
TARGET NUMBER: 3
FILE DATE: 02/15/2005
FILE TIME: 08:59

X CENTROID:	-0.297
Y CENTROID:	-0.023
POA TO CENTROID:	0.298
HORZ SPREAD:	2.865
VERT SPREAD:	1.794
GROUP SPREAD:	2.939
MIN RADIUS:	0.430
MAX RADIUS:	1.710
MEAN RADIUS:	0.984
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.438	1.227
2:	-0.951	0.030
3:	-0.773	-0.391
4:	-1.490	-0.493
5:	-1.953	0.405
6:	0.632	0.056
7:	0.912	-0.250
8:	0.465	-0.567
9:	0.491	-0.199
10:	0.132	-0.047

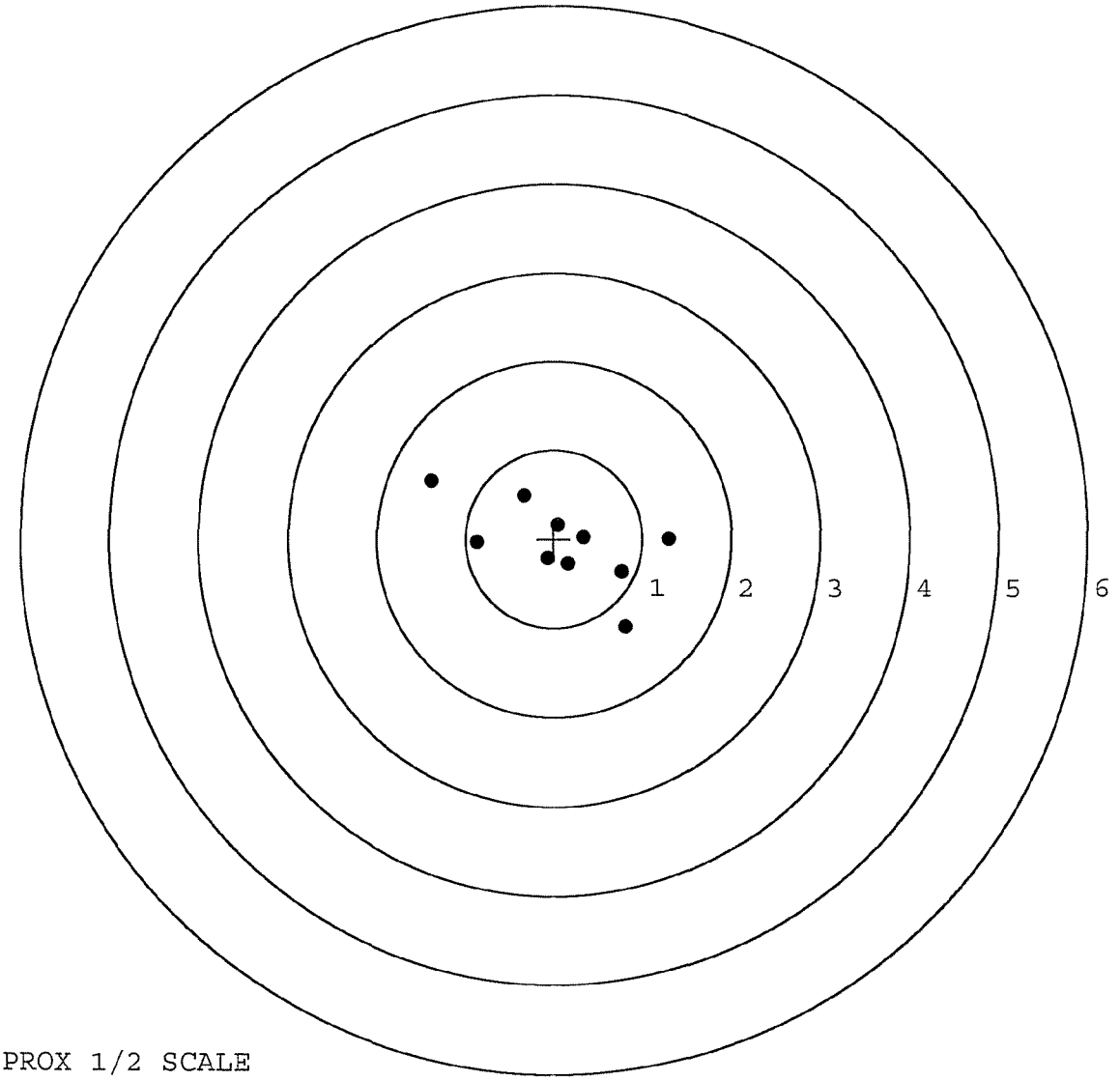


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587517.__0
TARGET NUMBER: 4
FILE DATE: 02/15/2005
FILE TIME: 08:59

X CENTROID:	0.076
Y CENTROID:	-0.059
POA TO CENTROID:	0.096
HORZ SPREAD:	2.688
VERT SPREAD:	1.653
GROUP SPREAD:	2.768
MIN RADIUS:	0.218
MAX RADIUS:	1.632
MEAN RADIUS:	0.740
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.813	-0.997
2:	0.771	-0.378
3:	1.296	-0.005
4:	-0.341	0.488
5:	-0.870	-0.034
6:	-1.392	0.656
7:	0.335	0.025
8:	0.051	0.165
9:	-0.069	-0.222
10:	0.163	-0.285

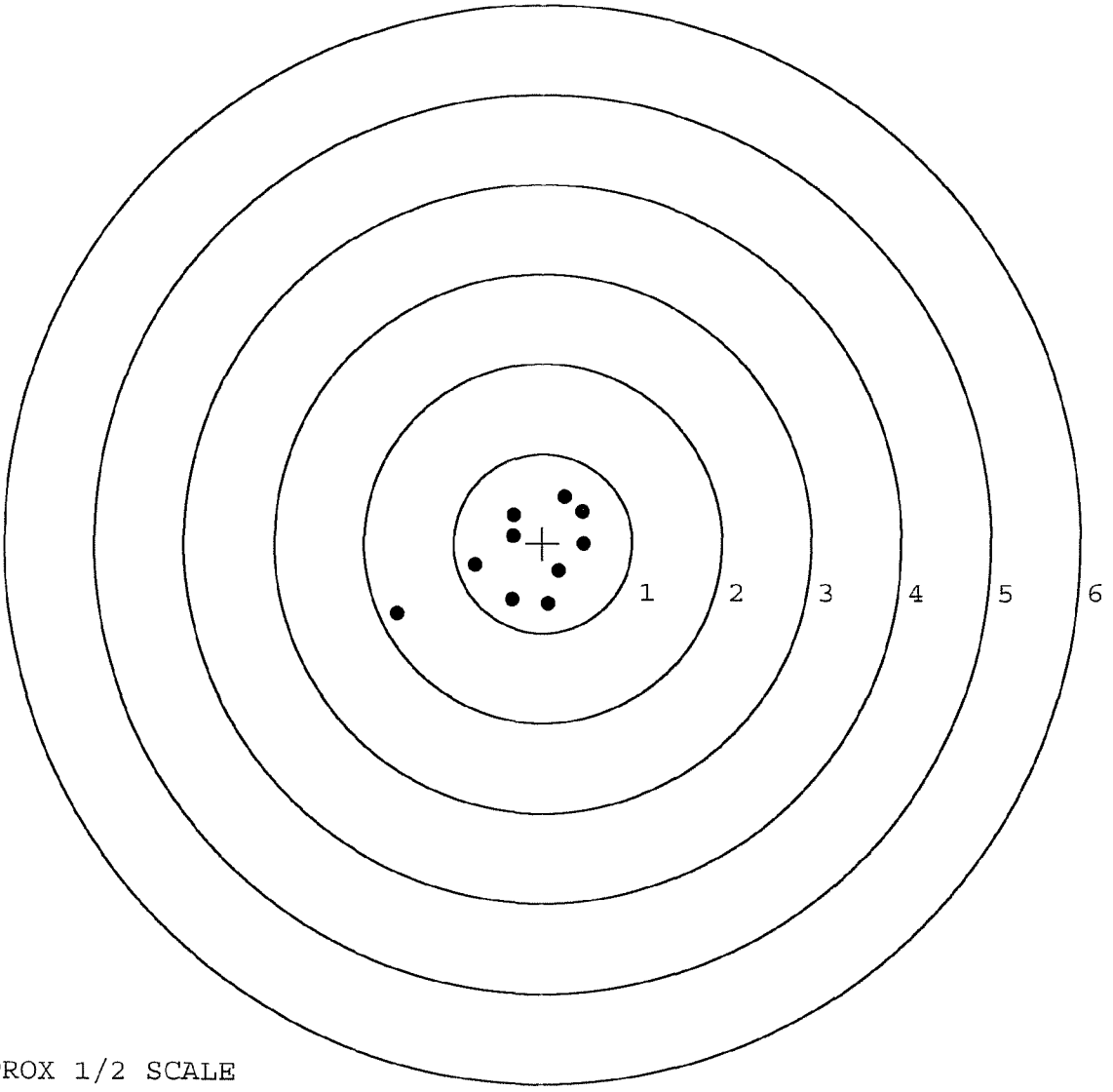


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587517.__0
TARGET NUMBER: 5
FILE DATE: 02/15/2005
FILE TIME: 08:59

X CENTROID:	-0.201
Y CENTROID:	-0.141
POA TO CENTROID:	0.246
HORZ SPREAD:	2.096
VERT SPREAD:	1.306
GROUP SPREAD:	2.364
MIN RADIUS:	0.255
MAX RADIUS:	1.571
MEAN RADIUS:	0.668
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.633	-0.787
2:	-0.760	-0.252
3:	-0.337	0.074
4:	-0.332	0.313
5:	0.242	0.519
6:	0.440	0.349
7:	0.463	-0.011
8:	0.186	-0.307
9:	0.062	-0.679
10:	-0.343	-0.634



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92656		
SERIAL NUMBER	C6587517		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET + TEST	4-20-05	RTL
655	FINAL INSPECT	4-21-05	RTL
660	PACK	4-21-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN Scope S/N 90-0454

ORDER: R 94-10846

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/14/94	06/15/94		C6587517		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

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
		☐			UPS

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

- Barrel
- Stock
- Trigger ASSY
- Firing pin ASSY
- Mag Box
- Mag Spring
- 96118 FRONT SIGHT ASSY
- 96119 REAR SIGHT ASSY

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			K	K	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			6/6/96	6/6/96	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587517

DATE 6-3-96

TESTER DAA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.80	2.83		MIN. SETTING,
PULL #2	2.55	2.83	2.80		NO AVG. OF 5
PULL #3	2.49	2.67	2.74		READINGS ACCEPT-
PULL #4	2.77	2.65	2.73		ABLE LESS THAN 2#
PULL #5	2.48	2.59	2.82		
TOTAL	12.95	13.54	13.92		
AVG.	2.59	2.70	2.78		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.00		
PULL #2	3.16	3.00		
PULL #3	3.14	3.04		
PULL #4	3.13	3.03		
PULL #5	3.07	3.09		
TOTAL	15.23	15.16		
AVG.	3.14	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.25		4.25
PULL #2	4.22	4.19		4.17
PULL #3	4.20	4.28		4.23
PULL #4	4.22	4.21		4.30
PULL #5	4.22	4.28		4.30
TOTAL	21.00	21.21		21.25
AVG.	4.20	4.24		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587517
10 Apr 1900

CENTROIDAL DISTANCES

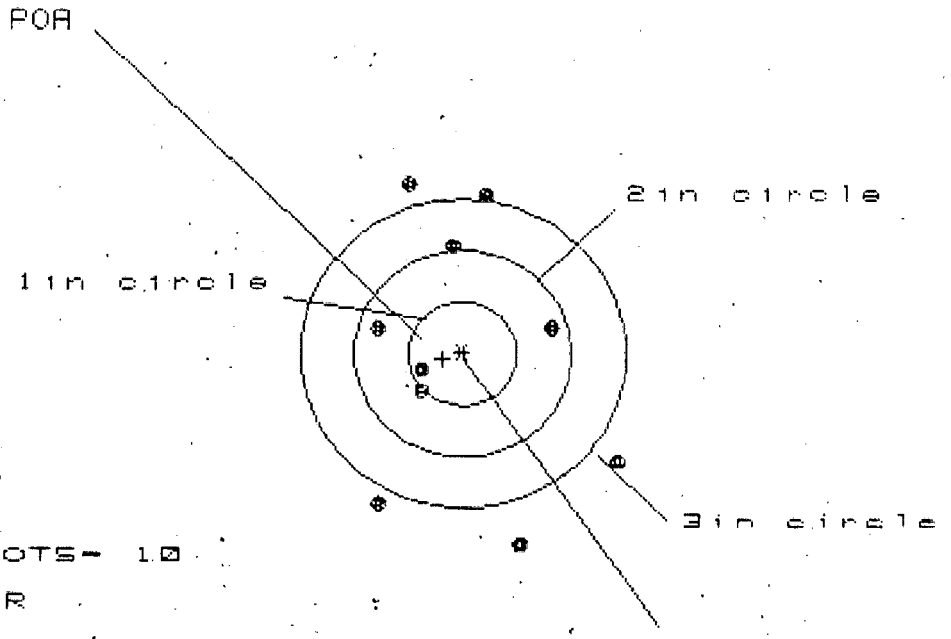
0	TO	1	.189974
1	TO	2	.218014
1	TO	3	.198668
1	TO.	4	.145911
1	TO	5	.1486

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1558
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1544
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .219347

THE AMR FOR THIS RIFLE IS: .94

18 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 5

HS= 2.158
VS= 3.464
GS= 3.604

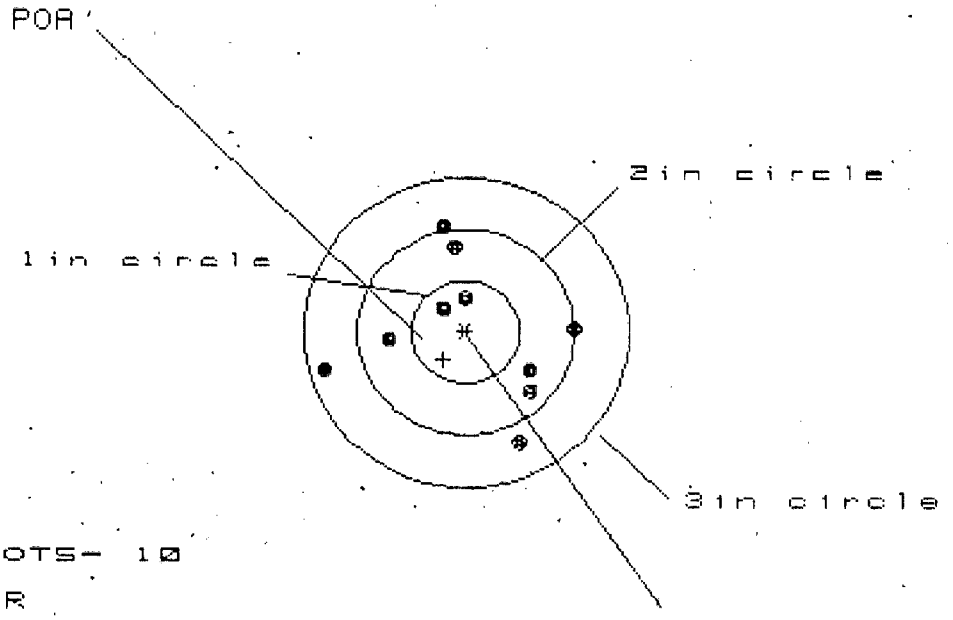
PATTERN # : 1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.370	1.423	1.026
MINIMUM X	-.788	-.735	-.557
MAXIMUM Y	1.644	1.441	1.282
MINIMUM Y	-1.820	-1.626	-1.785
CENTROID X	.183	.130	-.048
CENTROID Y	.051	.254	.413
POA TO CENTROID in.	.190	.285	.415
MIN RADIUS	.391	.460	.512
MEAN RADIUS	1.213	1.122	.998
MAX RADIUS	1.881	1.908	1.856
HORIZONTAL SPREAD	2.158	2.158	1.584
VERTICAL SPREAD	3.464	3.067	3.067
EXTREME SPREAD	3.604	3.306	3.137

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 5

10 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6507517

CENTERFIRE PATTERNS # 2



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 10
HS= 2.295
VS= 2.044
GS= 2.323

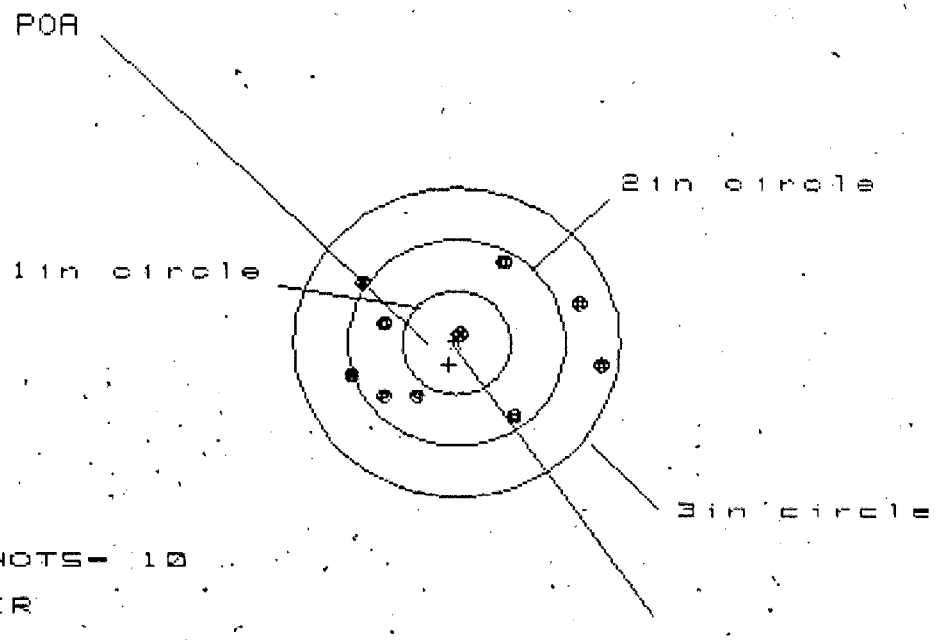
PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.969	.822	.865
MINIMUM X :	-1.326	-.884	-.841
MAXIMUM Y :	1.025	.990	.858
MINIMUM Y :	-1.019	-1.054	-.754
CENTROID X :	.204	.351	.308
CENTROID Y :	.268	.303	.435
POA TO CENTROID in.:	.337	.464	.533
MIN RADIUS :	.294	.322	.189
MEAN RADIUS :	.818	.750	.680
MAX RADIUS :	1.364	1.110	.929
HORIZONTAL SPREAD :	2.295	1.706	1.706
VERTICAL SPREAD :	2.044	2.044	1.612
EXTREME SPREAD :	2.323	2.177	1.823

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

10 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 10

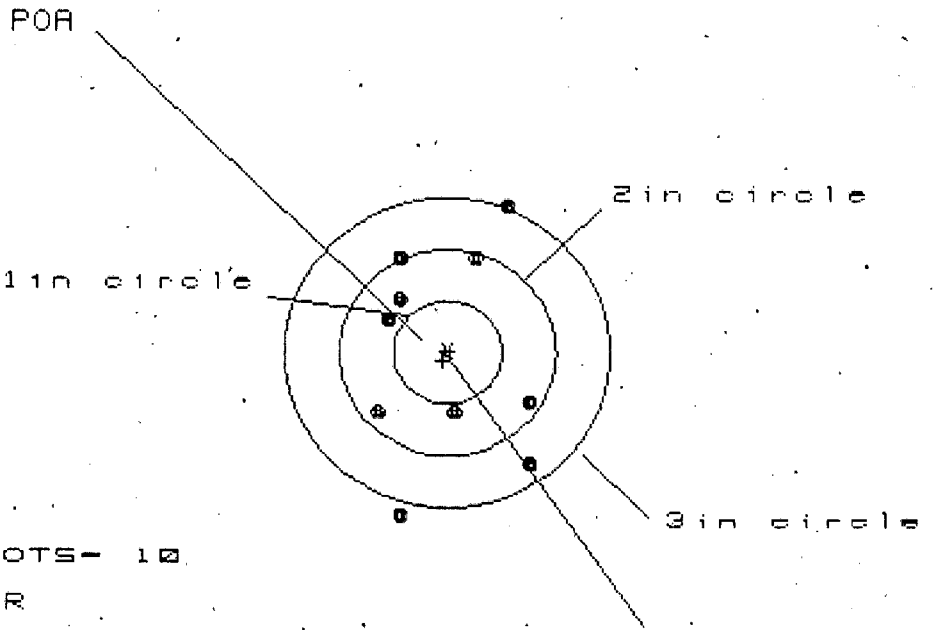
HS= 2.319
VS= 1.421
GS= 2.331

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.343	1.296	.846
MINIMUM X	:	-.976	-.827	-.665
MAXIMUM Y	:	.752	.731	.781
MINIMUM Y	:	-.669	-.690	-.640
CENTROID X	:	.068	-.081	-.243
CENTROID Y	:	.213	.234	.184
POA TO CENTROID in.	:	.224	.247	.305
MIN RADIUS	:	.107	.204	.373
MEAN RADIUS	:	.863	.791	.696
MAX RADIUS	:	1.355	1.355	1.093
HORIZONTAL SPREAD	:	2.319	2.123	1.511
VERTICAL SPREAD	:	1.421	1.421	1.421
EXTREME SPREAD	:	2.331	2.254	1.894

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

18 Apr 1908 FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

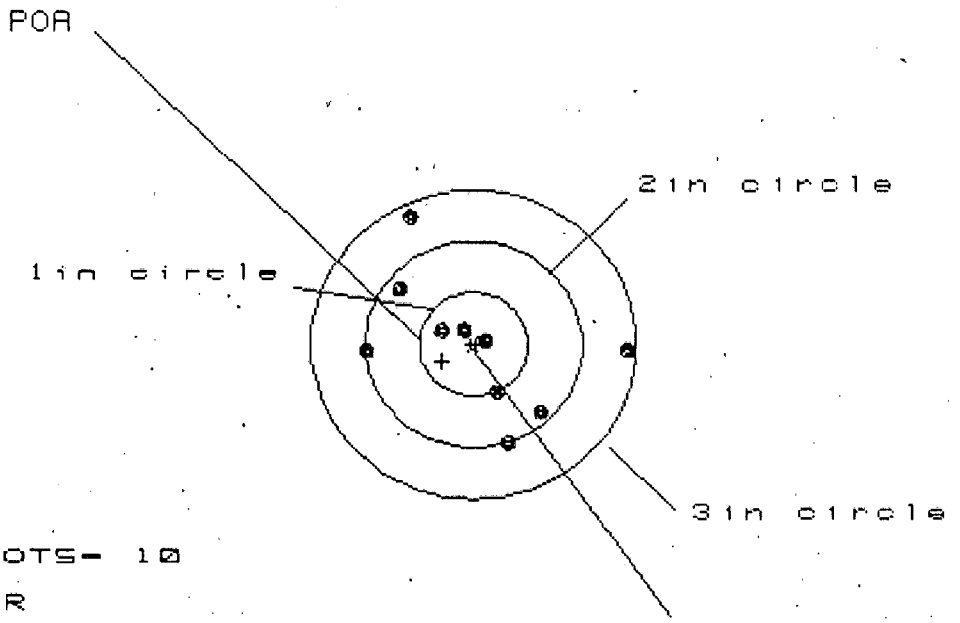
# IN CIR
1in = 0
2in = 6
3in = 8

HS= 1.444
VS= 3.071
GS= 3.237

PATTERN #	:	14		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.782	.731	.796
MINIMUM X	:	-.662	-.713	-.648
MAXIMUM Y	:	1.457	1.277	.925
MINIMUM Y	:	-1.614	-1.214	-1.054
CENTROID X	:	.040	.091	.026
CENTROID Y	:	.080	.260	.100
POA TO CENTROID in.	:	.090	.275	.103
MIN RADIUS	:	.587	.606	.609
MEAN RADIUS	:	1.021	.935	.869
MAX RADIUS	:	1.677	1.417	1.321
HORIZONTAL SPREAD	:	1.444	1.444	1.444
VERTICAL SPREAD	:	3.071	2.491	1.979
EXTREME SPREAD	:	3.237	2.500	2.313
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6507517

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 3
2in = 8
3in = 10
HS= 2.425
VS= 2.211
DS= 2.425

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	.781	.728
MINIMUM X	:	-.973	-.812	-.865
MAXIMUM Y	:	1.264	1.260	.704
MINIMUM Y	:	-.947	-.951	-.793
CENTROID X	:	.284	.123	.176
CENTROID Y	:	.160	.164	.006
POA TO CENTROID in.	:	.326	.205	.176
MIN RADIUS	:	.126	.147	.292
MEAN RADIUS	:	.785	.702	.631
MAX RADIUS	:	1.452	1.331	.936
HORIZONTAL SPREAD	:	2.425	1.593	1.593
VERTICAL SPREAD	:	2.211	2.211	1.497
EXTREME SPREAD	:	2.425	2.382	1.813

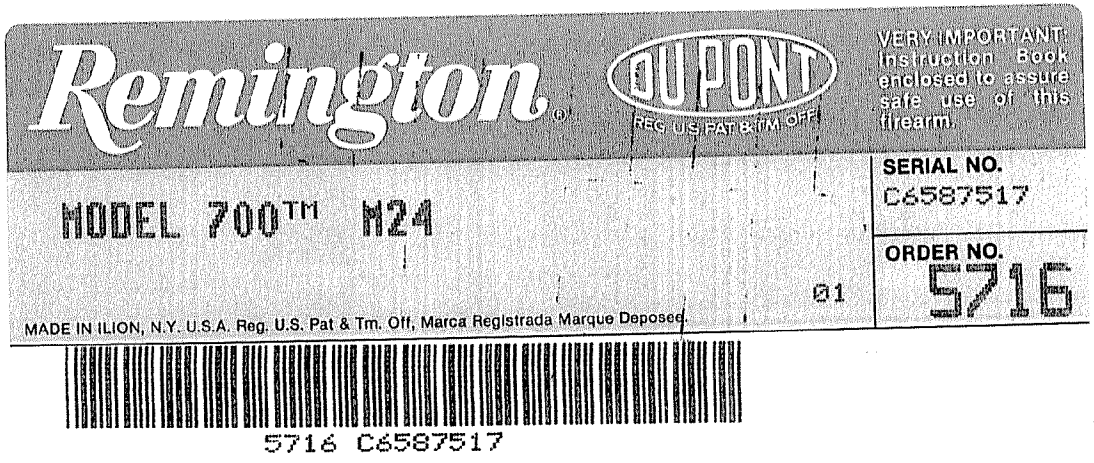
NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10

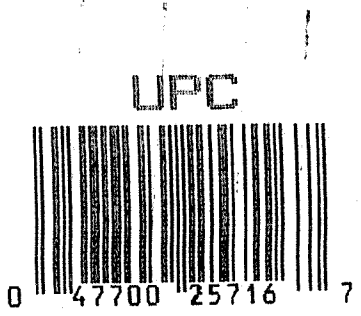
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587517

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	7	7	7			6/8/96	WB
	G) Safety Off Force	7½	7½	7½			6/8/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.024	.023			6/8/96	WB
	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	2.87	2.85	2.59	2.69	2.31	6/12/96	RW
	C) Function							
660	Pack							

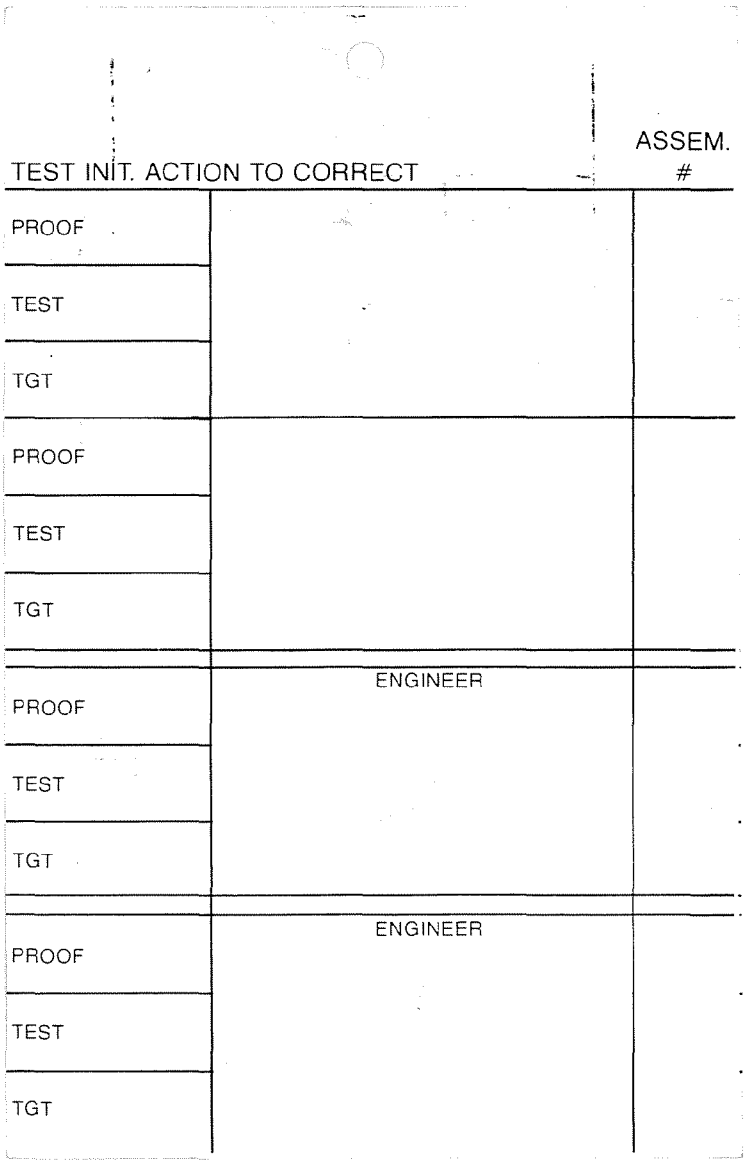




MOD. M24 GA. CAL. 7.62 GUN # 7517

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
RW	11/30	Ejector Sticker	V-
	2nd	Ream Ejector. Hole & Polish Ejector	12/1/90 RW
	3rd	100 Rds OK 12-8-90 DH	
	4th		

FUNCTION RD 6654 Rev 1


TEST INIT. ACTION TO CORRECT
ASSEM. #
PROOF
TEST
TGT
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT

E-Pin
OK

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C65875I7

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1023 90	RW
600	Proof		1023 90	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		10/24/90	KF
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GS
617	Drill and Tap Sight Holes		10/29/90	LB
618	Polish Barrel RB		10/26/90	LWB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	GL

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4½	4½	4½			11/16/90	WB
	G) Safety Off Force	3	3	3			11/16/90	WB
	H) Trigger Pull Test & Retainability						11-16-90	
	I) Firing Pin Indent	.021	.021	.021			11/16/90	WB
	J) Assemble Stock						11/29/90	RW
	K) Assemble Swivel Studs						12-1-90	
	L) Attach Front and Rear Sight Assemblies						11/29/90	RW
	M) Iron Sight Alignment						11/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/29/90	RW
	O) Attach Scope to Rifle						11/29/90	RW
	P) Detach & Attach Scope 20 Times						11/29/90	RW
640	Gallery Target & Test						11/30/90	
	A) Time						"	
	B) Malfunctions						"	
	C) Pierced Primers						"	
	D) Optical Clearity of Scope						"	
645	Inspect for Live Ammo						11/30/90	
655	Final Inspection A) Headspace						12-1-90	
	B) Trigger Pull	267	270	277	265	275	12-1-90	
	C) Function						12-1-90	
660	Pack						12-18-90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587517

DATE 11-16-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.40	2.33	2.67	MIN. SETTING,
PULL #2	2.28	2.22	2.47	2.70	NO AVG. OF 5
PULL #3	2.26	2.18	2.26	2.77	READINGS ACCEPT-
PULL #4	2.18	2.25	2.35	2.65	ABLE LESS THAN 2#
PULL #5	2.23	2.29	2.29	2.75	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.47		
PULL #2	3.36	3.15		
PULL #3	3.58	3.39		
PULL #4	3.38	3.42		
PULL #5	3.28	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.39		4.50
PULL #2	4.23	4.39		4.45
PULL #3	4.35	4.47		~~4.42~~ 4.36
PULL #4	4.12	4.35		4.47
PULL #5	4.16	4.44		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587517
30 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.0823772
1	TO	2	.216116
1	TO	3	.468578
1	TO	4	.180854
1	TO	5	.196977

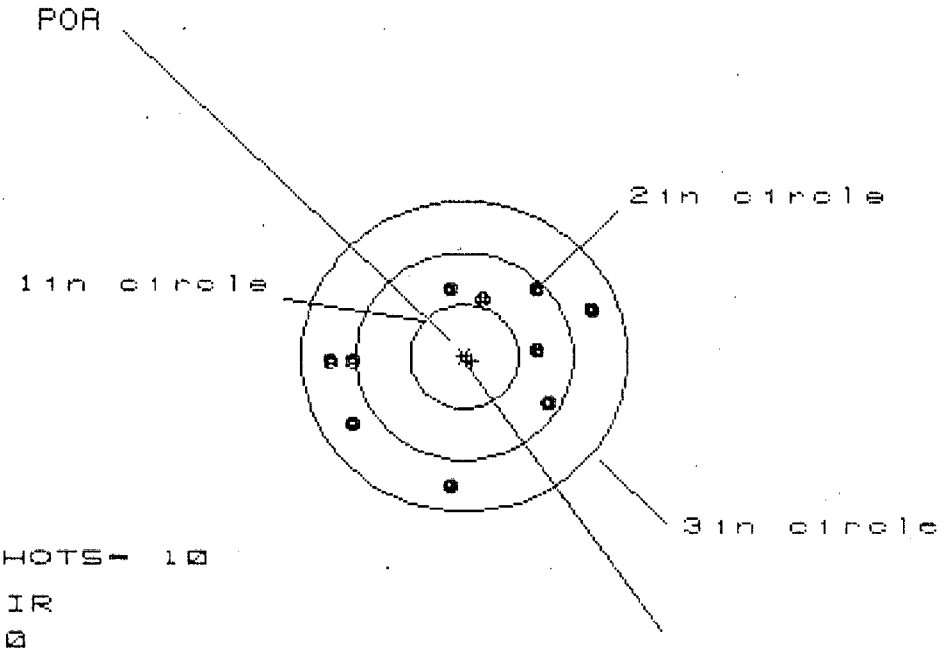
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1528

THE AMR FOR THIS RIFLE IS: 1.204

30 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR	
1in	= 0
2in	= 5
3in	= 10

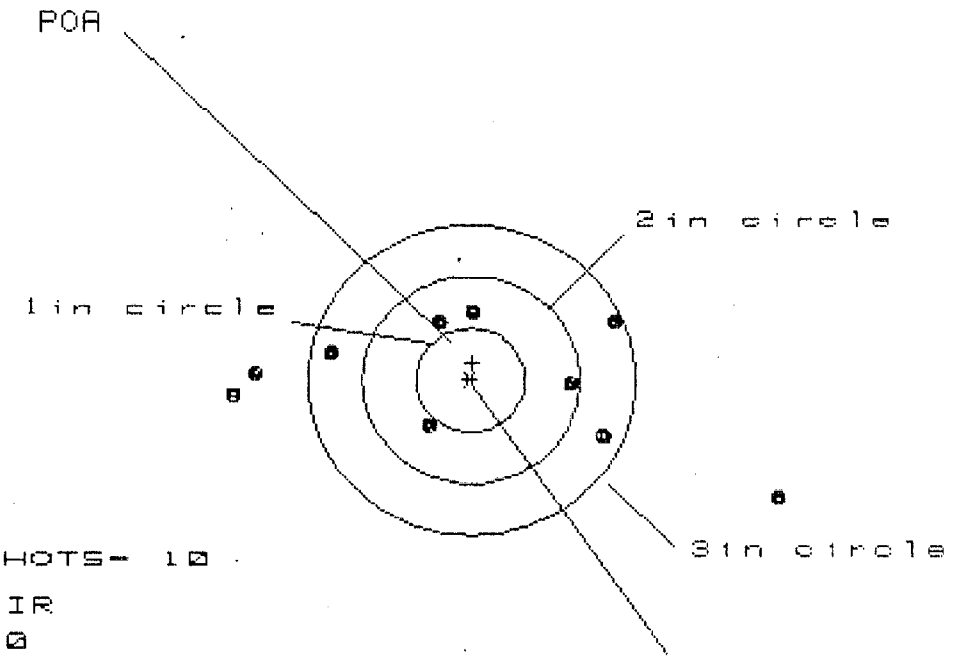
HS= 2.369
VS= 1.985
GS= 2.430

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.129	1.115	.958
MINIMUM X	:	-1.240	-1.254	-1.189
MAXIMUM Y	:	.700	.557	.527
MINIMUM Y	:	-1.286	-.768	-.798
CENTROID X	:	-.069	-.055	.102
CENTROID Y	:	.045	.188	.218
POA TO CENTROID in.	:	.082	.196	.240
MIN RADIUS	:	.599	.463	.391
MEAN RADIUS	:	.984	.924	.844
MAX RADIUS	:	1.291	1.276	1.421
HORIZONTAL SPREAD	:	2.369	2.369	2.147
VERTICAL SPREAD	:	1.985	1.325	1.325
EXTREME SPREAD	:	2.430	2.430	2.389

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 10

30 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

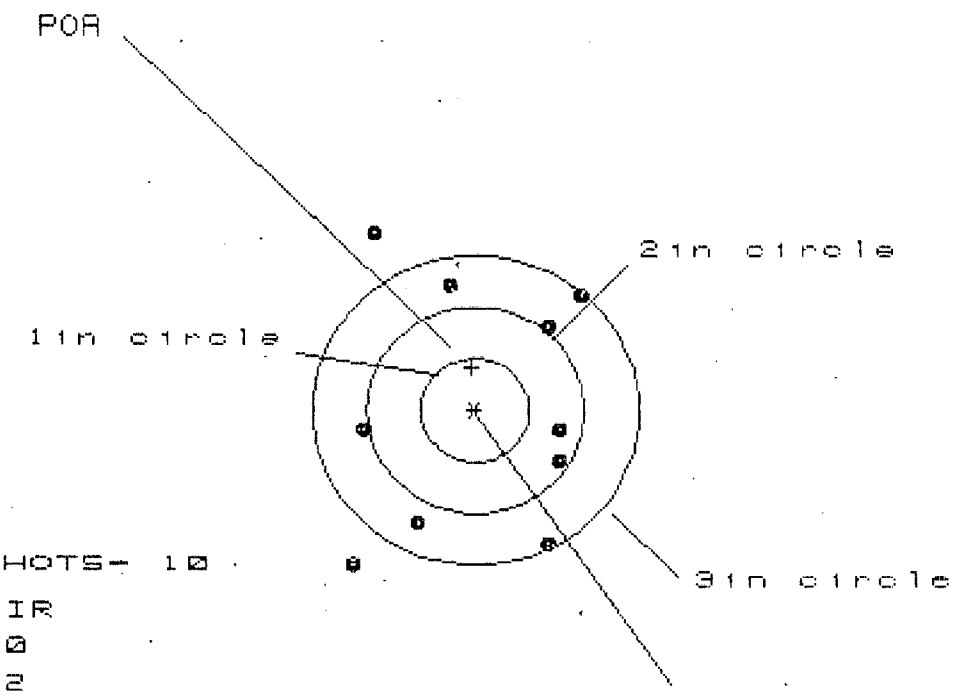
# IN CIR
1in = 0
2in = 4
3in = 7

HS= 4.980
VS= 1.837
GS= 5.088

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.804	1.598	1.365
MINIMUM X	:	-2.176	-1.865	-1.917
MAXIMUM Y	:	.705	.579	.552
MINIMUM Y	:	-1.132	-.709	-.736
CENTROID X	:	-.014	-.325	-.092
CENTROID Y	:	-.164	-.038	-.011
POA TO CENTROID in.	:	.164	.327	.093
MIN RADIUS	:	.583	.457	.476
MEAN RADIUS	:	1.406	1.192	1.086
MAX RADIUS	:	3.024	1.877	1.919
HORIZONTAL SPREAD	:	4.980	3.463	3.282
VERTICAL SPREAD	:	1.837	1.288	1.288
EXTREME SPREAD	:	5.088	3.525	3.320
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

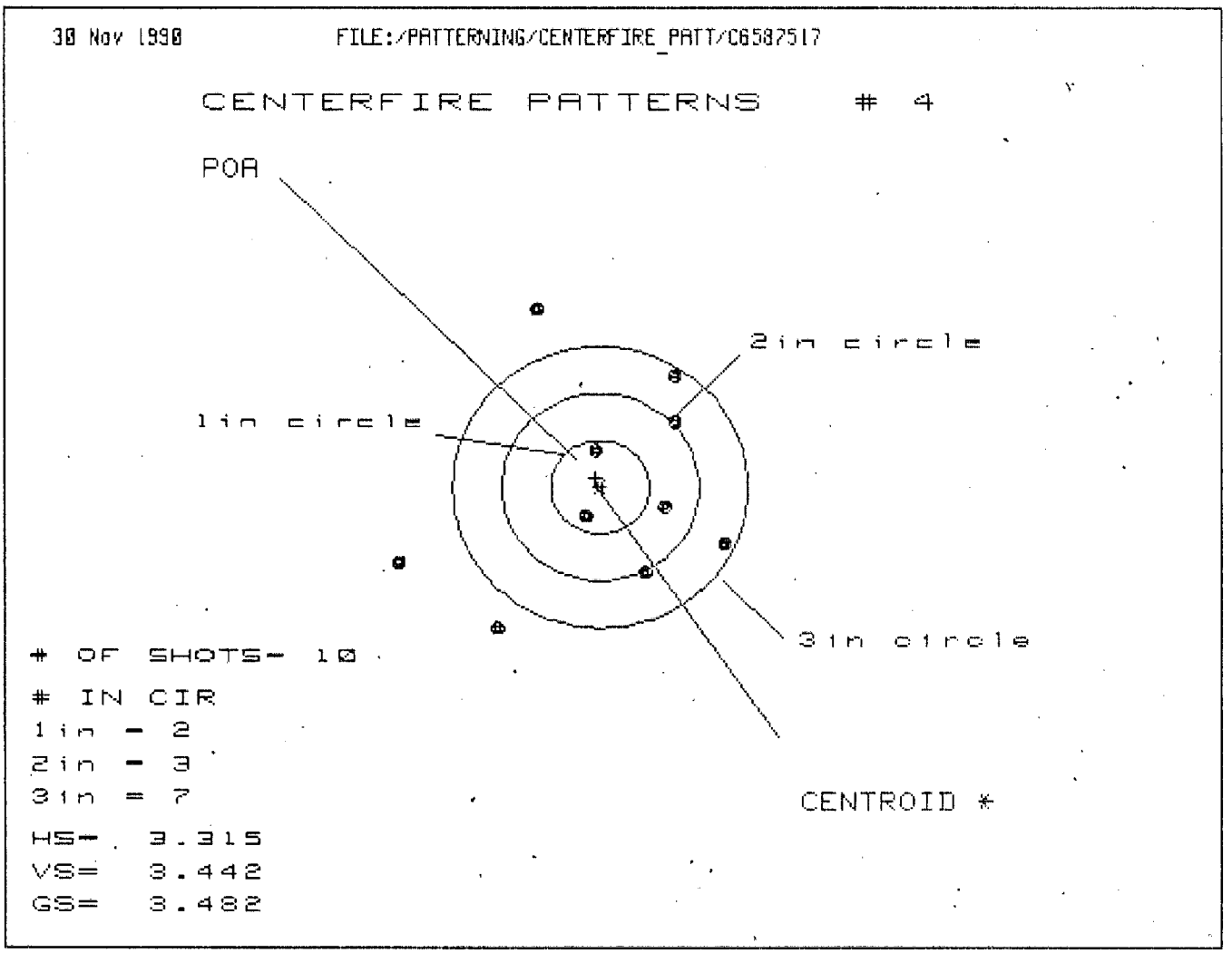
CENTERFIRE PATTERNS # 3



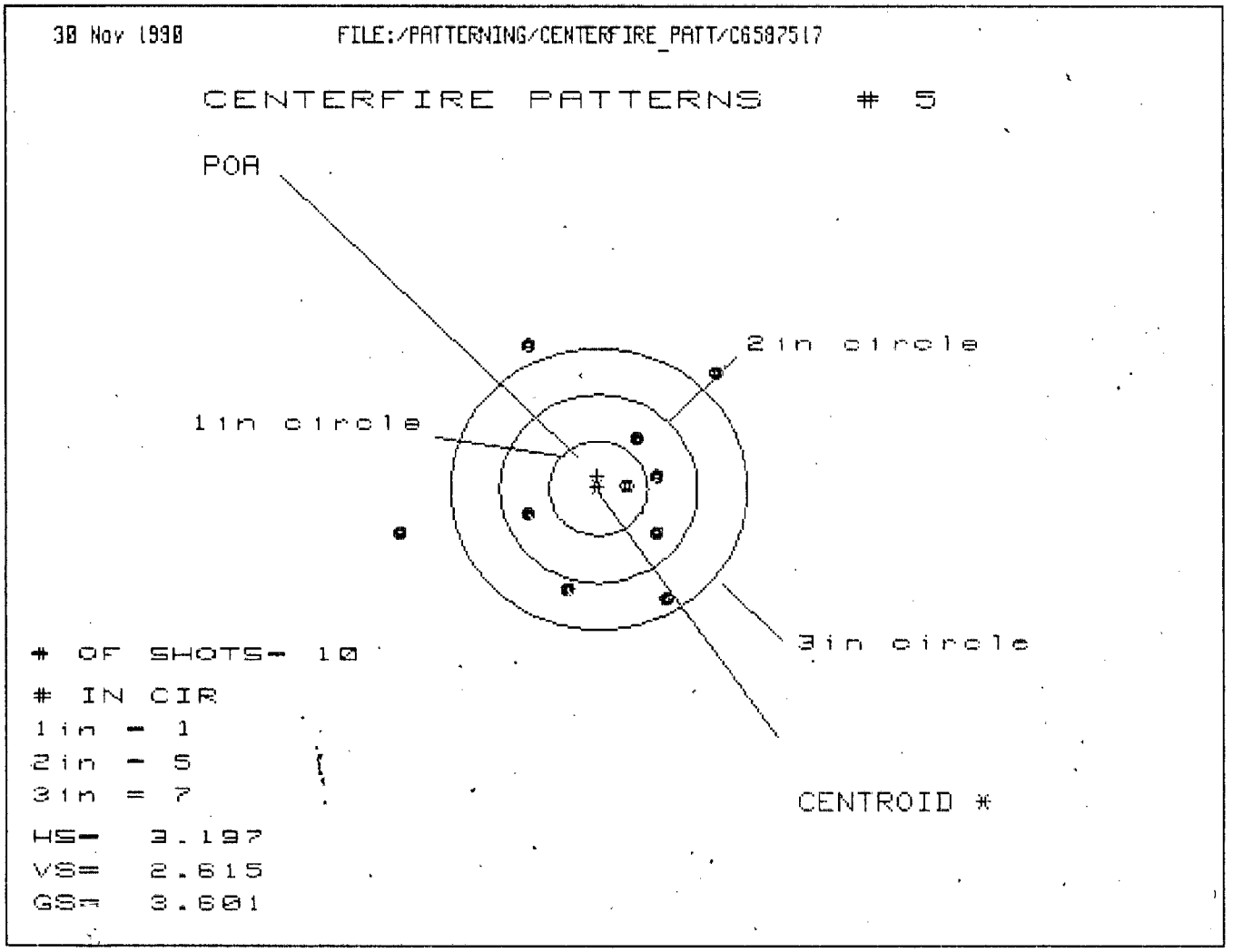
# OF SHOTS= 10
# IN CIR
1in = 0
2in = 2
3in = 8
HS= 2.103
VS= 3.111
GS= 3.389

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.988	.886	.734
MINIMUM X	:	-1.115	-1.217	-1.253
MAXIMUM Y	:	1.663	1.397	1.239
MINIMUM Y	:	-1.448	-1.263	-1.294
CENTROID X	:	.030	.132	.284
CENTROID Y	:	-.413	-.598	-.440
POA TO CENTROID in.	:	.414	.612	.524
MIN RADIUS	:	.762	.646	.508
MEAN RADIUS	:	1.290	1.197	1.098
MAX RADIUS	:	1.900	1.754	1.365
HORIZONTAL SPREAD	:	2.103	2.103	1.987
VERTICAL SPREAD	:	3.111	2.660	2.533
EXTREME SPREAD	:	3.389	3.280	2.699

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 2
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.256	1.027	.919
MINIMUM X	:	-2.059	-1.289	-1.397
MAXIMUM Y	:	1.929	1.843	1.383
MINIMUM Y	:	-1.513	-1.599	-1.369
CENTROID X	:	.043	.272	.380
CENTROID Y	:	-.097	-.011	-.241
POA TO CENTROID in.	:	.106	.272	.450
MIN RADIUS	:	.323	.420	.362
MEAN RADIUS	:	1.247	1.109	.968
MAX RADIUS	:	2.199	2.054	1.955
HORIZONTAL SPREAD	:	3.315	2.316	2.316
VERTICAL SPREAD	:	3.442	3.442	2.751
EXTREME SPREAD	:	3.482	3.468	3.311
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.222	1.003	.546
MINIMUM X	:	-1.975	-.961	-.836
MAXIMUM Y	:	1.494	1.443	1.586
MINIMUM Y	:	-1.121	-1.172	-1.029
CENTROID X	:	.011	.230	.105
CENTROID Y	:	-.135	-.084	-.227
POA TO CENTROID in.	:	.135	.245	.250
MIN RADIUS	:	.244	.062	.173
MEAN RADIUS	:	1.092	.934	.870
MAX RADIUS	:	2.027	1.703	1.767
HORIZONTAL SPREAD	:	3.197	1.964	1.382
VERTICAL SPREAD	:	2.615	2.615	2.615
EXTREME SPREAD	:	3.601	2.932	2.932
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	