C6573348

MODEL 700™ M24

Model SWS™

Action

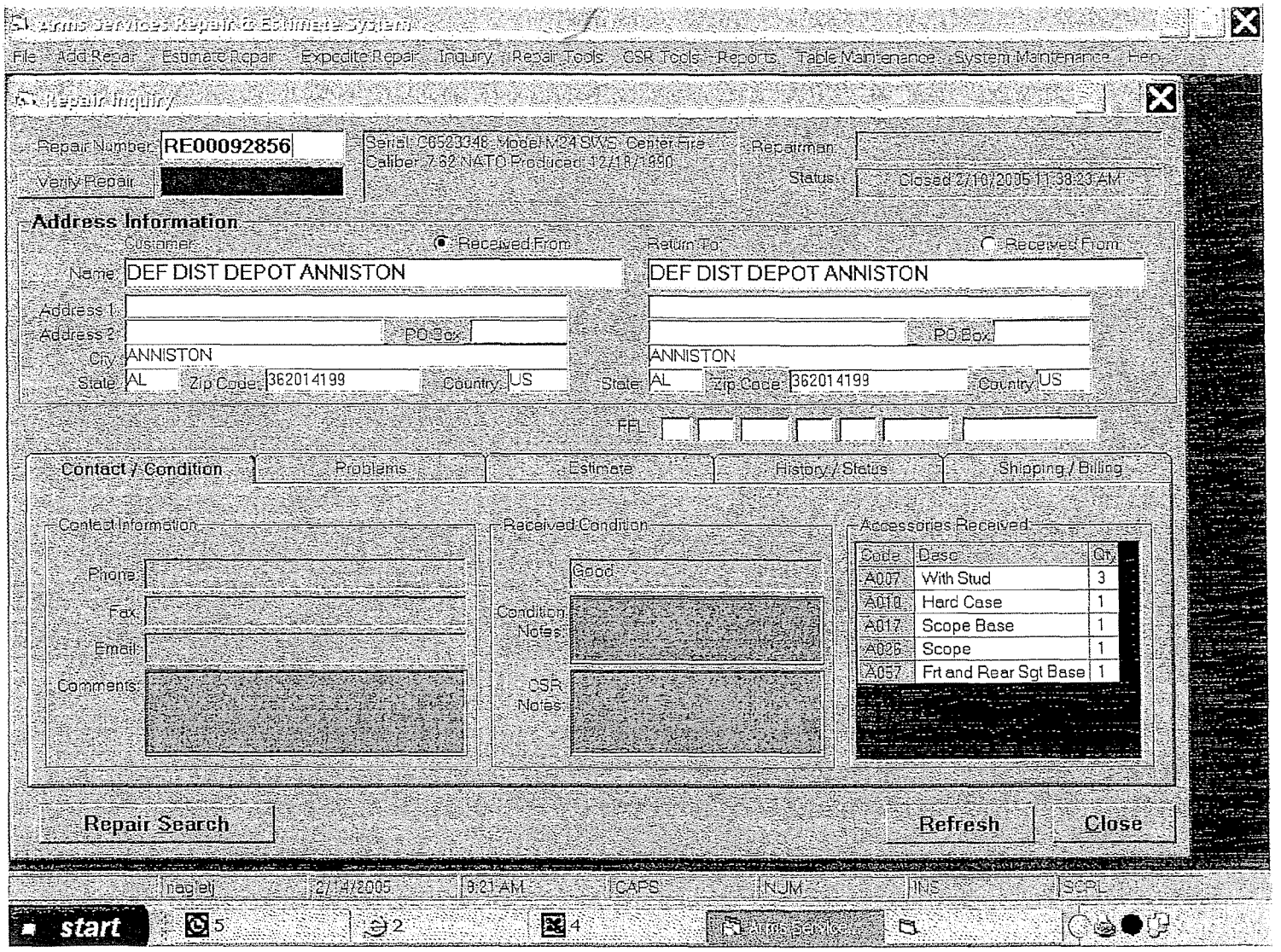
Barrel Length

Capacity

Order No. 57116

*Includes 1 in chamber.

Remington


Repair Inquiry
Repair Number: RE00092856
Verify Repair
Serial: C6523348 Model:M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990
Repairman:
Status: Closed 2/10/2005 11:38:23 AM
Address Information
Customer
Received From
Return To:
Received From
Name: DEF DIST DEPOT ANNISTON
DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box:
City: ANNISTON
State: AL Zip Code: 362014199 Country: US
ANNISTON
State: AL Zip Code: 362014199 Country: US
RFL:
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
nagleij
2/14/2005
9:21 AM
CAPS
NUM
INS
SCRL
start


Serial Number:
C6523348
Model: M24 SWS
RE00092856

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523348.__0
FILE DATE AND TIME: 08/10/2005 09:16

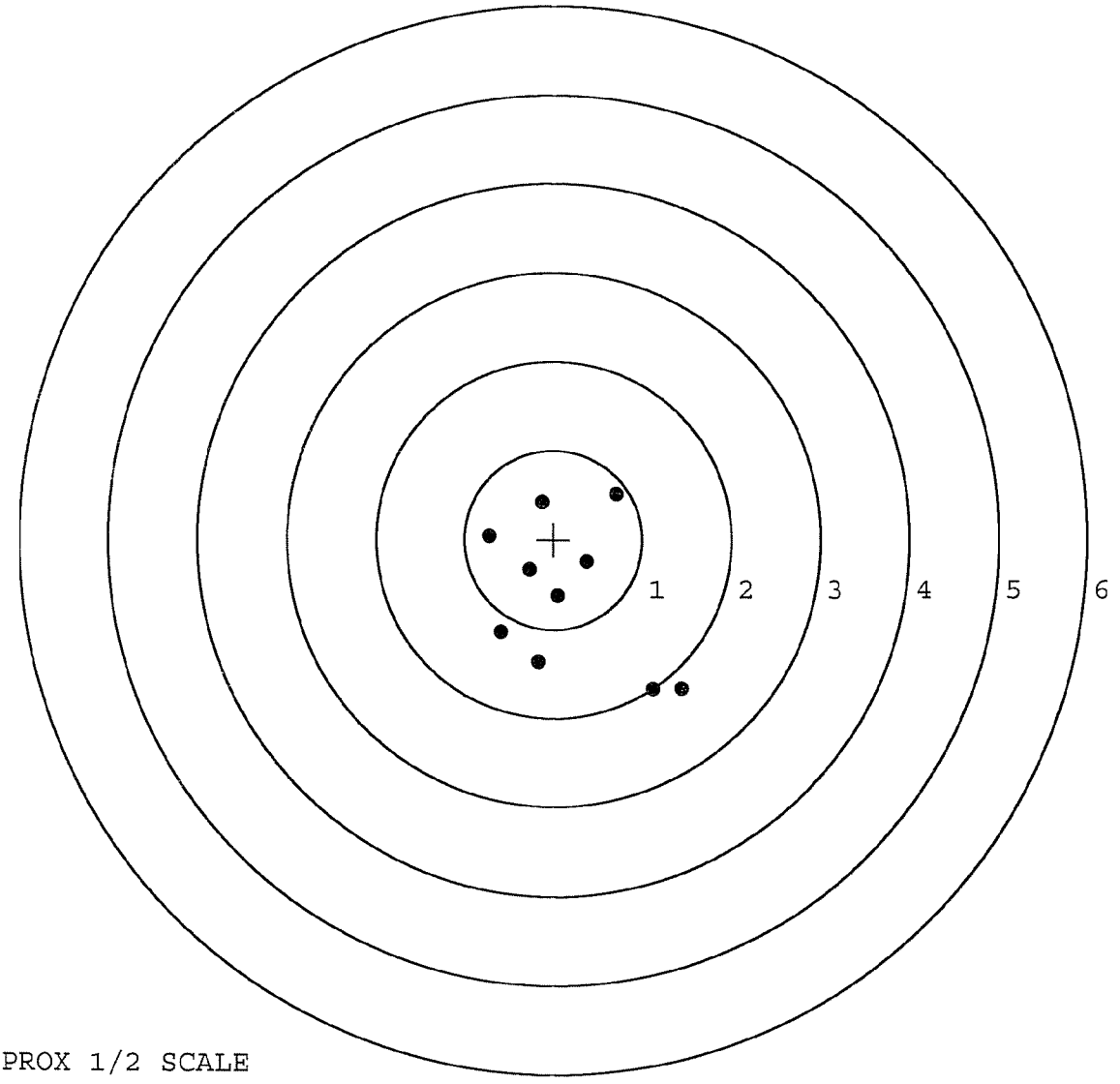
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.460
The Average Point of Impact of the Five Target Set:	0.462
The Average Mean Radius of the Five Target Set:	1.047
The Distance from POA to Centroid Target #1:	0.626
The Distance from Centroid Target #2 to Centroid Target #1:	0.231
The Distance from Centroid Target #3 to Centroid Target #1:	0.312
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.910

SERIAL NUMBER: C6523348.__0
TARGET NUMBER: 1
FILE DATE: 08/10/2005
FILE TIME: 09:16

X CENTROID:	0.180
Y CENTROID:	-0.600
POA TO CENTROID:	0.626
HORZ SPREAD:	2.166
VERT SPREAD:	2.181
GROUP SPREAD:	2.753
MIN RADIUS:	0.136
MAX RADIUS:	1.650
MEAN RADIUS:	0.927
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.272	-0.341
2:	0.375	-0.251
3:	0.047	-0.627
4:	-0.593	-1.038
5:	-0.173	-1.373
6:	-0.130	0.415
7:	-0.724	0.036
8:	0.707	0.512
9:	1.121	-1.669
10:	1.442	-1.663

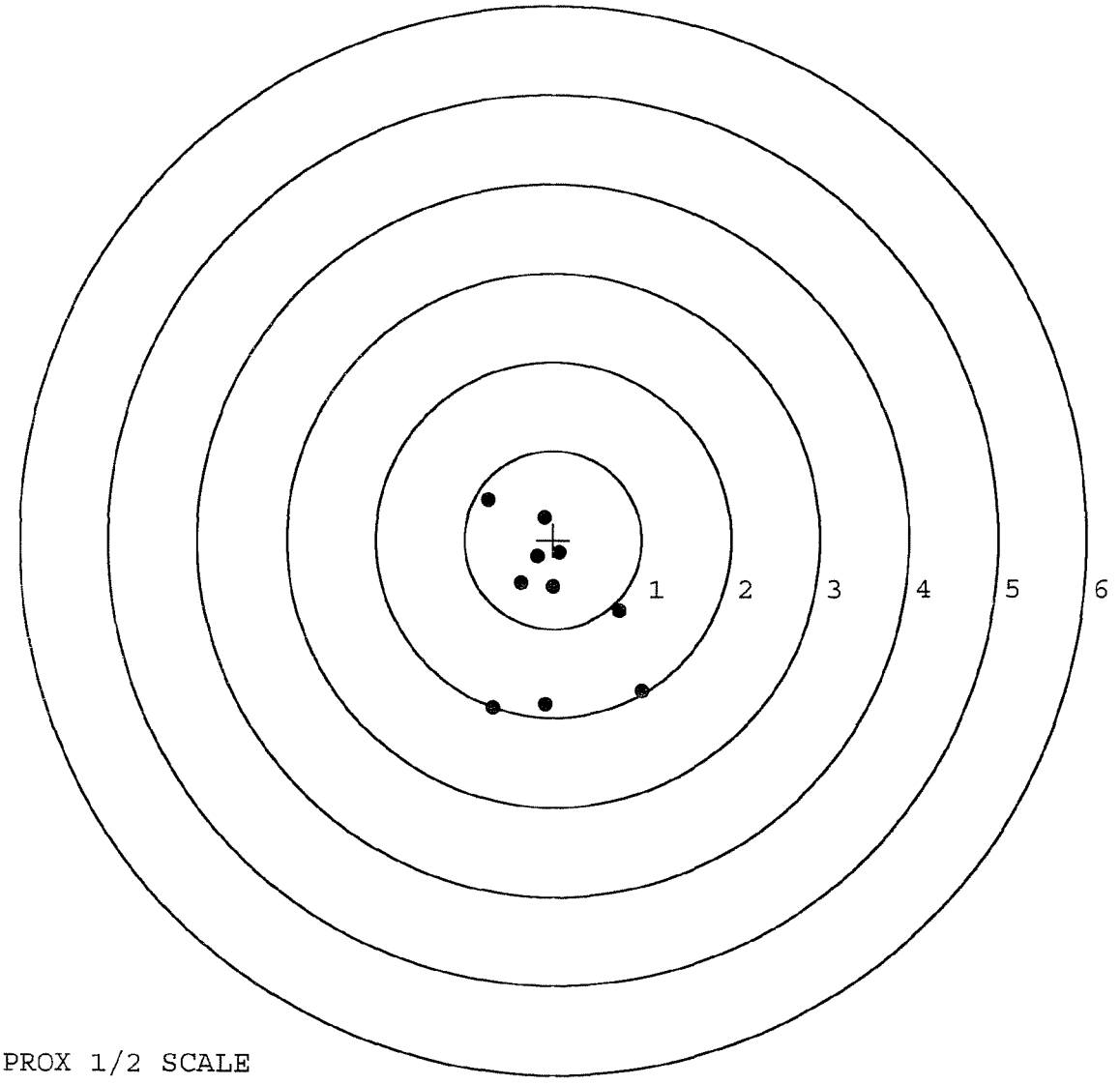


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348.__0
TARGET NUMBER: 2
FILE DATE: 08/10/2005
FILE TIME: 09:16

X CENTROID:	-0.031
Y CENTROID:	-0.693
POA TO CENTROID:	0.694
HORZ SPREAD:	1.736
VERT SPREAD:	2.345
GROUP SPREAD:	2.757
MIN RADIUS:	0.166
MAX RADIUS:	1.447
MEAN RADIUS:	0.869
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.182	-0.191
2:	-0.730	0.440
3:	-0.103	0.252
4:	0.072	-0.144
5:	0.005	-0.531
6:	0.751	-0.803
7:	-0.678	-1.905
8:	-0.092	-1.856
9:	1.006	-1.702
10:	-0.361	-0.489

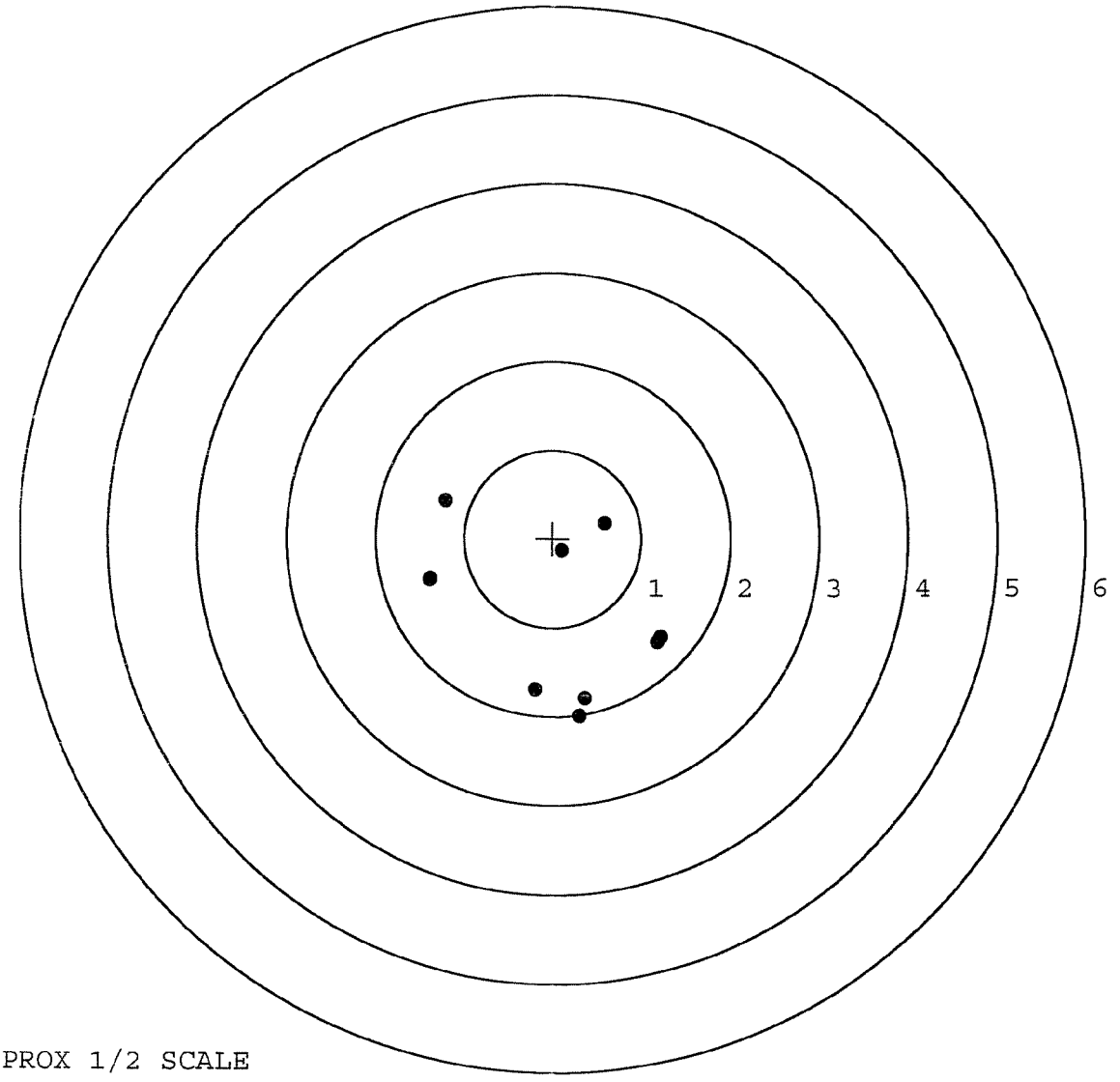


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348.__0
TARGET NUMBER: 3
FILE DATE: 08/10/2005
FILE TIME: 09:16

X CENTROID:	-0.040
Y CENTROID:	-0.821
POA TO CENTROID:	0.822
HORZ SPREAD:	2.611
VERT SPREAD:	2.421
GROUP SPREAD:	2.872
MIN RADIUS:	0.700
MAX RADIUS:	1.709
MEAN RADIUS:	1.212
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	2
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.101	-0.136
2:	-1.208	0.427
3:	-1.390	-0.460
4:	-1.386	-0.456
5:	0.588	0.174
6:	1.184	-1.163
7:	-0.194	-1.704
8:	0.311	-1.994
9:	0.371	-1.797
10:	1.221	-1.104

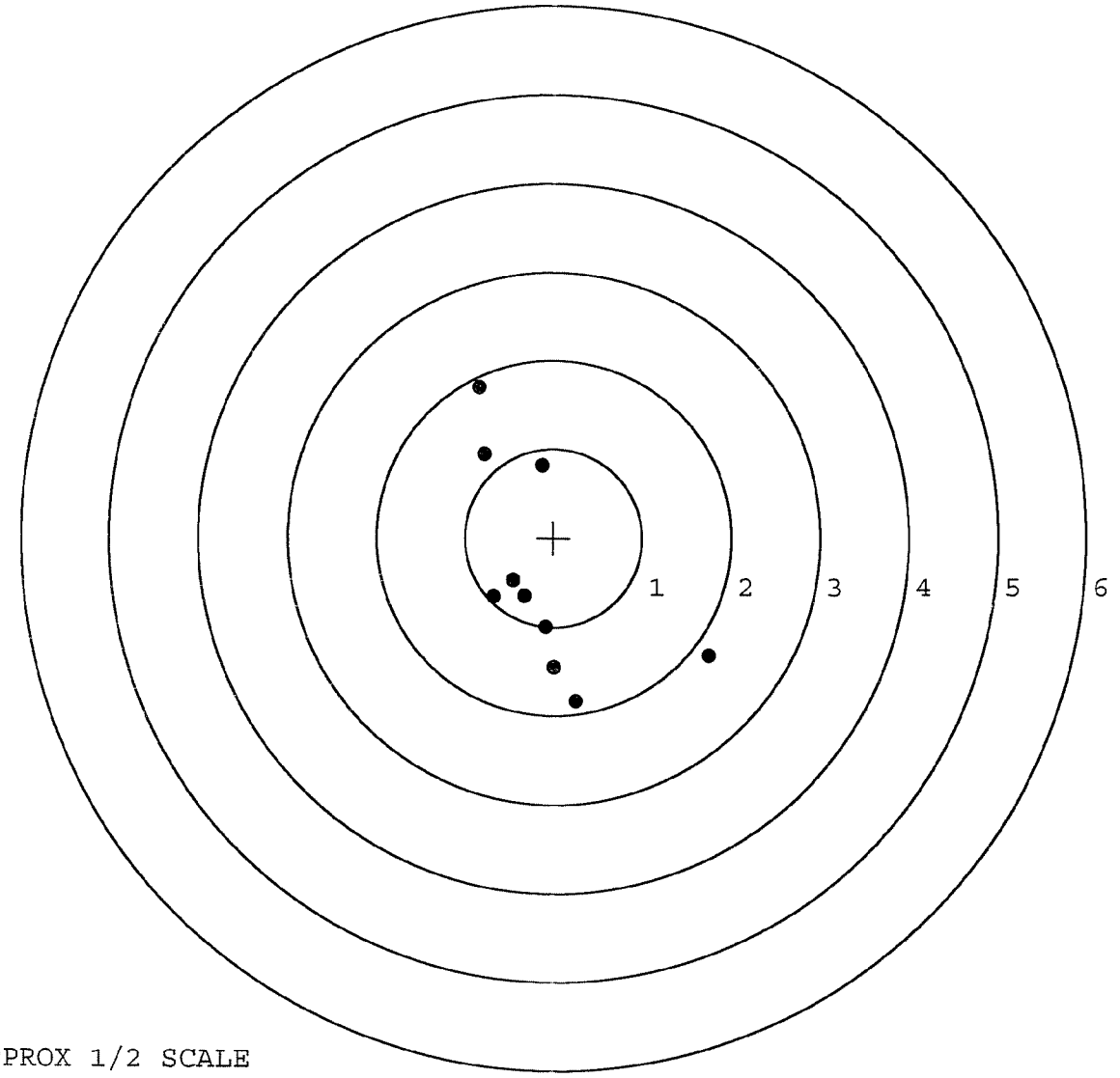


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348.__0
TARGET NUMBER: 4
FILE DATE: 08/10/2005
FILE TIME: 09:16

X CENTROID:	-0.130
Y CENTROID:	-0.402
POA TO CENTROID:	0.422
HORZ SPREAD:	2.592
VERT SPREAD:	3.535
GROUP SPREAD:	3.974
MIN RADIUS:	0.332
MAX RADIUS:	2.208
MEAN RADIUS:	1.146
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.840	1.689
2:	-0.784	0.937
3:	-0.131	0.813
4:	-0.090	-1.008
5:	1.752	-1.323
6:	0.007	-1.462
7:	0.255	-1.846
8:	-0.458	-0.482
9:	-0.332	-0.665
10:	-0.679	-0.669

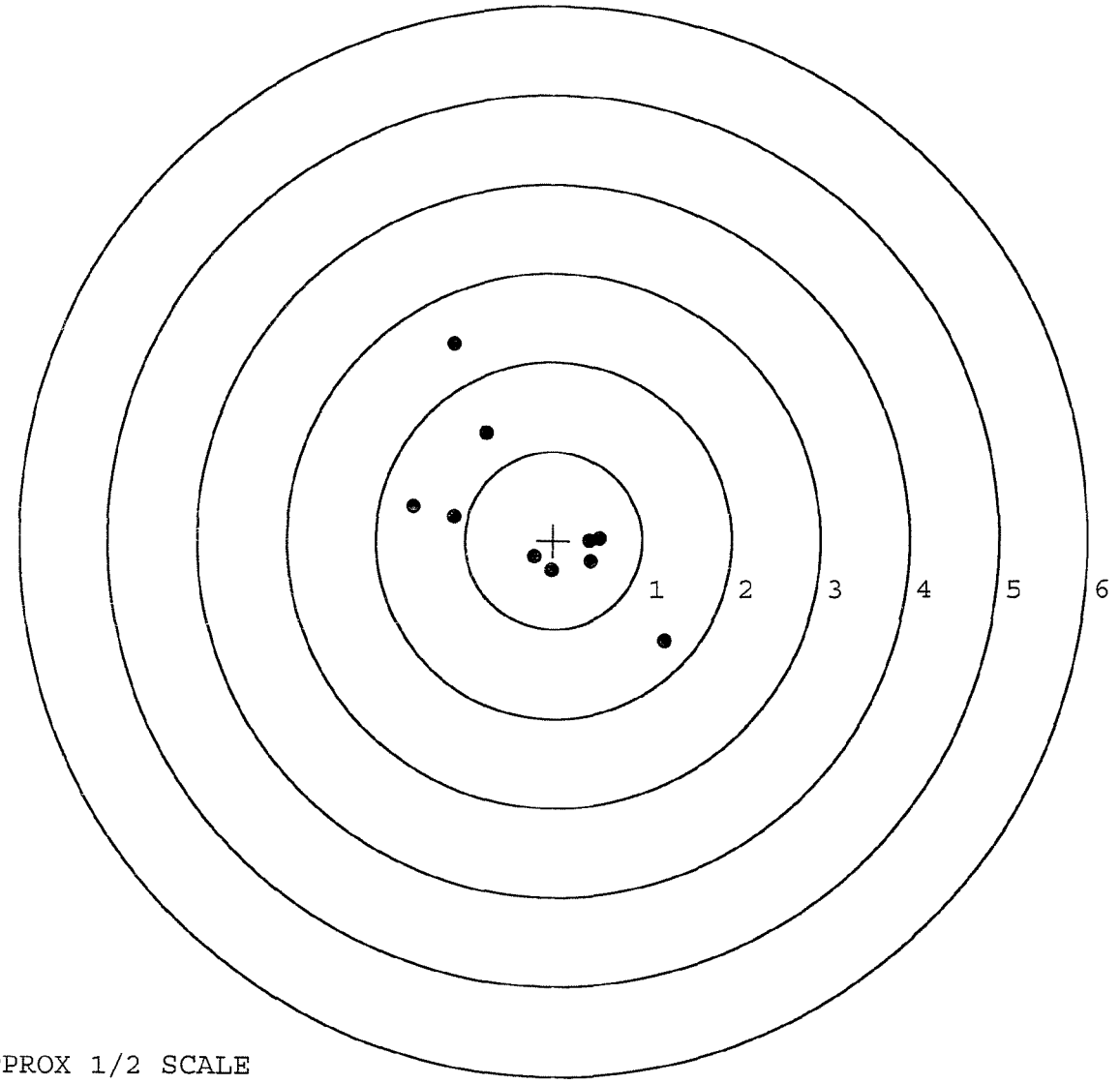


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348.__0
TARGET NUMBER: 5
FILE DATE: 08/10/2005
FILE TIME: 09:16

X CENTROID:	-0.221
Y CENTROID:	0.217
POA TO CENTROID:	0.310
HORZ SPREAD:	2.829
VERT SPREAD:	3.337
GROUP SPREAD:	4.094
MIN RADIUS:	0.407
MAX RADIUS:	2.178
MEAN RADIUS:	1.080
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.409	-0.011
2:	0.423	-0.236
3:	1.253	-1.136
4:	-1.119	2.201
5:	-0.758	1.202
6:	-1.576	0.385
7:	-1.126	0.271
8:	-0.022	-0.341
9:	-0.218	-0.190
10:	0.520	0.024



TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	92854		
SERIAL NUMBER	C6523348		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-26-05	RTC
560 A	RE-BARREL	6-6-05	RTC
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTC
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTC
612	MAGNAFLUX	6/9/05	[illegible]
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	DB
620	APPLY COATINGS	6-13-05	[illegible]
625 A	FINAL ASSEMBLY	7-8-05	RR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-15-05	AC
D	SAFETY "OFF" FORCE	8-15-05	AC
E	FIRING PIN INDENT	8-15-05	AC
640	TARGET	8-10-05	AC
655	FINAL INSPECT	8-15-05	AC
660	PACK	9-19-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MADRA - FLOA
INSPECTED
OPERATOR

C-C523348

Scope S/N 88-1229

Repair Inquiry

Repair Number: RE00000754

Verify Repair

Serial: C6523349 Model 700 Center Fire Caliber: 7.62 SWS M-24 90F19 ~

Repairman:

Status: New 12/15/99 12:58:33 PM

Address Information

Customer:	Received From	Return To:	Received From
Name:	TRANSPORTATION OFFICER	TRANSPORTATION OFFICER	
Address 1:	XVIII AIRBORNE CORPS AND FORT BRAGG	XVIII AIRBORNE CORPS AND FORT BRAGG	
Address 2:	BUILDING J-2050 PO Box:	BUILDING J-2050 PO Box:	
City:	FORT BRAGG	FORT BRAGG	
State:	NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 Country: US	

FFL:

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

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
Z000	[redacted]	

Repair Search | Refresh | Close

BBL 96003

Remington

TRACKING DOCUMENT

Repair Order Number

Repair Order Numbe	**Description/Serial**	**Repairman -**
RE00000754	C6523349	**Date Received** 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 9OF18	**Estimate Date**
		Current Date - 12/16/1999

Customer
TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT B
BUILDING J-2050
FORT BRAGG NC 28310 US

Return To
TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT
BUILDING J-2050
FORT BRAGG NC 28310 US

Phone (H)
Phone (W)
Fax
Email

Problems

Reported	Found

Repair

Material #	MaterialDesc	Quantity Needed	Quantity From	Quantity From	Warranty (Y/N)
	Total:				

Serial Number: C6523349

Model ID: 700

RE00000754

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

Remington Test Lab, Ilion, N.Y.

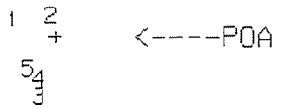
Centroidal distance calculations for Rifle # C6523349
5 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1496
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194821

THE AMR FOR THIS RIFLE IS: 1.26

CENTROIDAL DISTANCES

0	TO	1	.322386
1	TO	2	.266678
1	TO	3	.549441
1	TO	4	.443424
1	TO	5	.352919



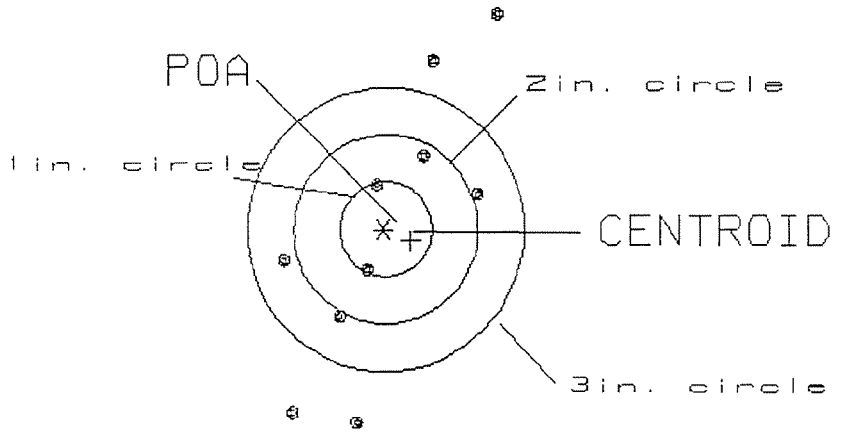
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.322
MIN RADIUS	:	.453
MEAN RADIUS	:	1.384
MAX RADIUS	:	2.592
CENTROID X	:	-.298
CENTROID Y	:	.123

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 2.33	2
VS= 4.35	3
GS= 4.79	6

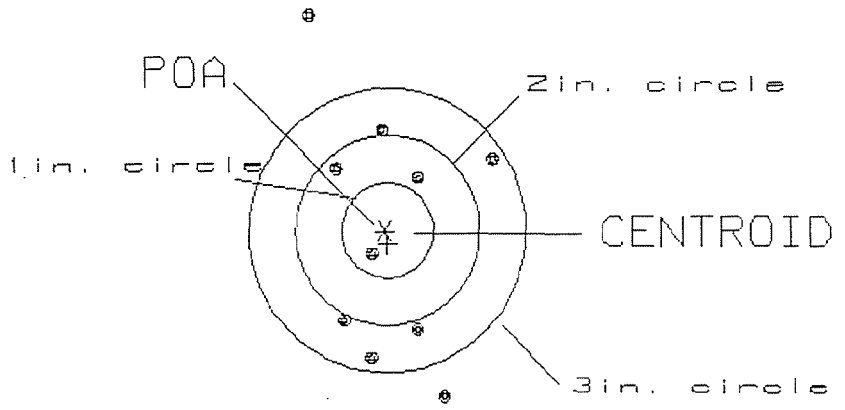
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.145
MIN RADIUS	:	.308
MEAN RADIUS	:	1.201
MAX RADIUS	:	2.411
CENTROID X	:	-.032
CENTROID Y	:	.142

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 1.96	1
VS= 3.98	3
GS= 4.24	8

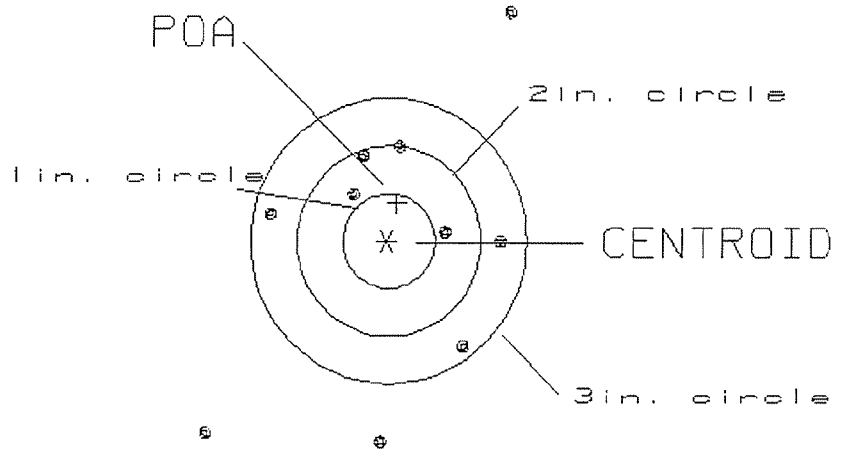
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.410
MIN RADIUS	:	.564
MEAN RADIUS	:	1.455
MAX RADIUS	:	2.792
CENTROID X	:	-.112
CENTROID Y	:	-.394

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 3.21	0
VS= 4.45	3
GS= 5.42	7

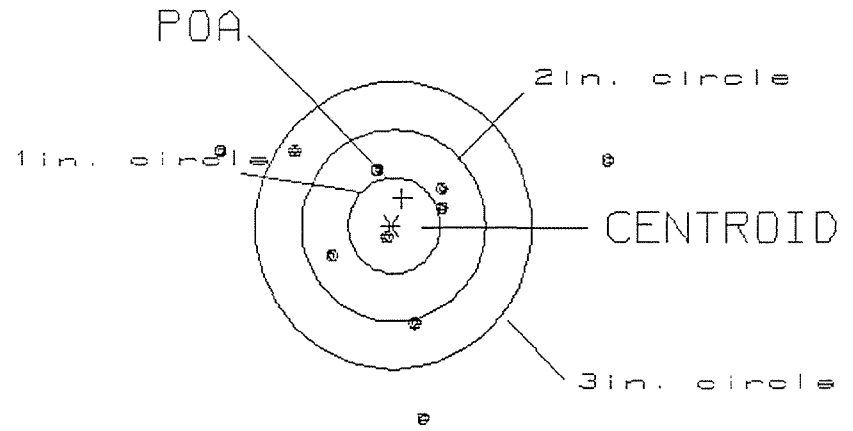
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:		.309
MIN RADIUS	:	.135
MEAN RADIUS	:	1.175
MAX RADIUS	:	2.457
CENTROID X	:	-.122
CENTROID Y	:	-.284

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 4.27	1
VS= 2.62	5
GS= 4.27	7

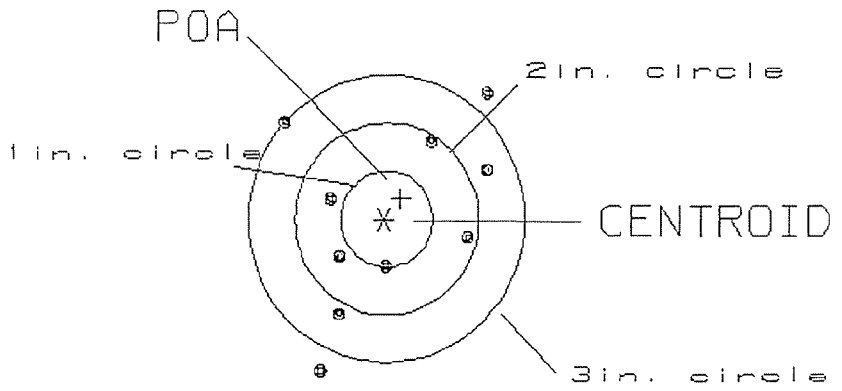
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.280
MIN RADIUS	:	.476
MEAN RADIUS	:	1.087
MAX RADIUS	:	1.765
CENTROID X	:	-.184
CENTROID Y	:	-.211

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.23	1
VS= 2.92	5
GS= 3.41	8

Final Inspection

S/N: C6523349	DATE REC'D: 12-12-99	DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ✓ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

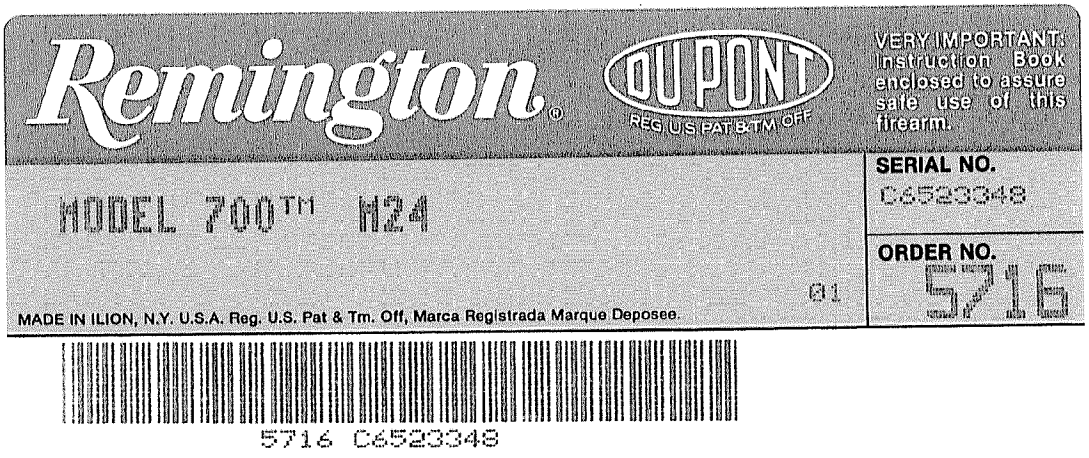
Comments: ___

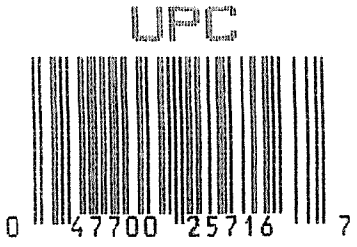
21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. **SERIAL NO.** C6523349

	LOG IN DATE: / /	DATE	INIT.
	INSPECT & VERIFY:		
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	RW
610	DIS-ASSEMBLE		
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	4-4-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
	QAR INSPECTION	SHIP DATE	





CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523348

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10 3 90	RW
600	Proof		10 3 90	RW
607	Check Headspace		10 3 90	RW
610	Dis-assemble Gun		10 3 90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	DS
617	Drill and Tap Sight Holes		10/11/90	WB
618	Polish Barrel WB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-12-90	DK
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-9-90	DH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4	11/9/90	WB
	G) Safety Off Force	2	2	2	11/9/90	WB
	H) Trigger Pull Test & Retainability				11/9/90	
	I) Firing Pin Indent	.021	.0205	.021	11/9/90	WB
	J) Assemble Stock				11/9/90	RW
	K) Assemble Swivel Studs				11/9/90	DS
	L) Attach Front and Rear Sight Assemblies				11/9/90	RW
	M) Iron Sight Alignment				11/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container				11/9/90	RW
	O) Attach Scope to Rifle				11/9/90	RW
	P) Detach & Attach Scope 20 Times				11/9/90	RW
640	Gallery Target & Test				11-12-90	KT
	A) Time				11-12-90	KT
	B) Malfunctions				11-12-90	KT
	C) Pierced Primers				11-12-90	KT
	D) Optical Clearity of Scope				11-12-90	KT
645	Inspect for Live Ammo				11-12-90	KT
655	Final Inspection A) Headspace				11/19/90	DS
	B) Trigger Pull	227	219	223	11/19/90	DS
	C) Function				11/19/90	DS
660	Pack				12-17-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523348

DATE 11-9-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.39	2.32	2.27	MIN. SETTING,
PULL #2	2.29	2.35	2.34	2.19	NO AVG. OF 5
PULL #3	2.32	2.34	2.32	2.23	READINGS ACCEPT-
PULL #4	2.24	2.33	2.21	2.23	ABLE LESS THAN 2#
PULL #5	2.38	2.35	2.35	2.24	
TOTAL	11.50	11.76	11.54		
AVG.	2.3	2.352	2.308		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.36		
PULL #2	3.53	3.44		
PULL #3	3.42	3.38		
PULL #4	3.39	3.41		
PULL #5	3.22	3.15		
TOTAL	16.85	16.74		
AVG.	3.37	3.348		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.37		4.38
PULL #2	4.37	4.46		4.28
PULL #3	4.39	4.28		4.37
PULL #4	4.42	4.43		4.33
PULL #5	4.36	4.40		4.38
TOTAL	21.85	21.94		21.74
AVG.	4.37	4.388		4.348

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523348
13 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.29416
1	TO	2	.192588
1	TO	3	.50163
1	TO	4	.33051
1	TO	5	.271426

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0866
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104563

THE AMR FOR THIS RIFLE IS: .8846

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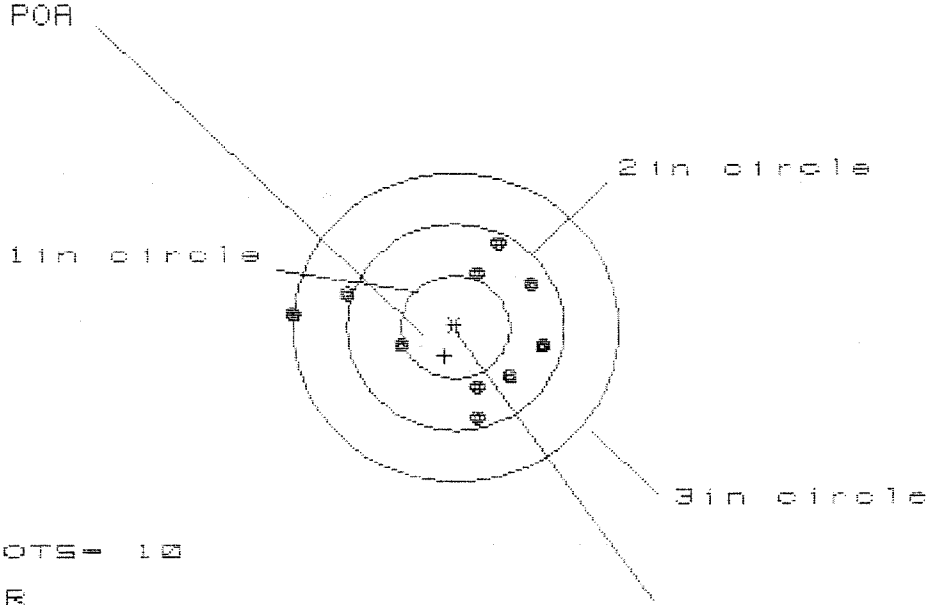
CENTERFIRE PATTERNS # 1



# OF SHOTS= 10
# IN CIR
1in = 0
2in = 8
3in = 10
HS= 2.254
VS= 1.707
GS= 2.273

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.798	.637	.491
MINIMUM X	:	-1.456	-1.165	-.836
MAXIMUM Y	:	.858	.872	.917
MINIMUM Y	:	-.849	-.835	-.790
CENTROID X	:	.099	.260	.406
CENTROID Y	:	.277	.263	.218
POA TO CENTROID in.	:	.294	.370	.461
MIN RADIUS	:	.540	.503	.448
MEAN RADIUS	:	.838	.742	.657
MAX RADIUS	:	1.461	1.219	.921
HORIZONTAL SPREAD	:	2.254	1.802	1.327
VERTICAL SPREAD	:	1.707	1.707	1.707
EXTREME SPREAD	:	2.273	1.874	1.716
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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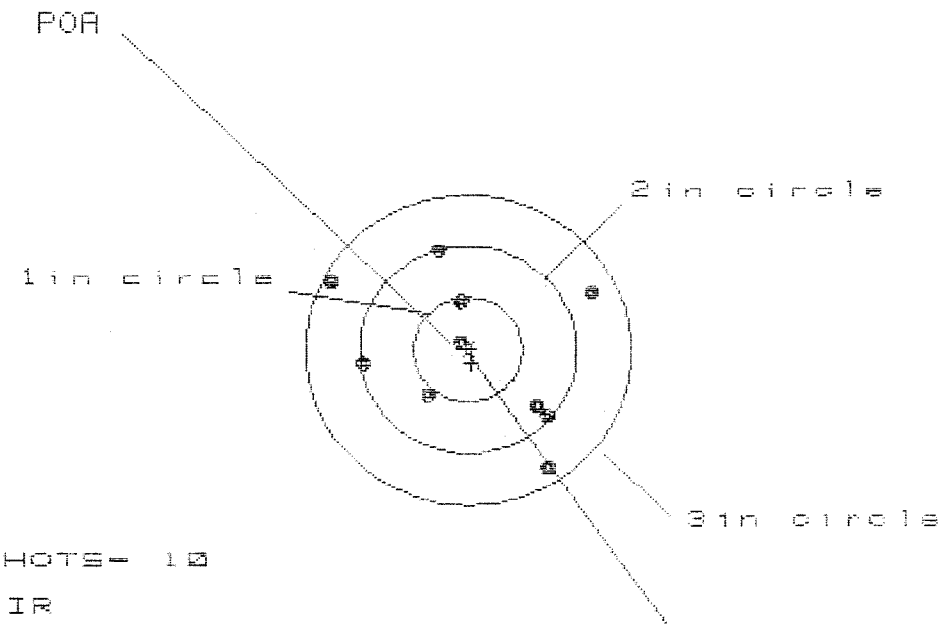
CENTERFIRE PATTERNS # 2



OF SHOTS= 10

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

HS= 2.319
VS= 2.131
GS= 2.644

PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.090	.953	1.023
MINIMUM X :	-1.229	-1.148	-1.078
MAXIMUM Y :	.972	1.044	.909
MINIMUM Y :	-1.159	-1.087	-.698
CENTROID X :	-.030	.107	.037
CENTROID Y :	.134	.062	.197
POA TO CENTROID in.:	.138	.123	.201
MIN RADIUS :	.143	.295	.172
MEAN RADIUS :	.895	.846	.778
MAX RADIUS :	1.392	1.222	1.161
HORIZONTAL SPREAD :	2.319	2.101	2.101
VERTICAL SPREAD :	2.131	2.131	1.606
EXTREME SPREAD :	2.644	2.345	2.224

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 10

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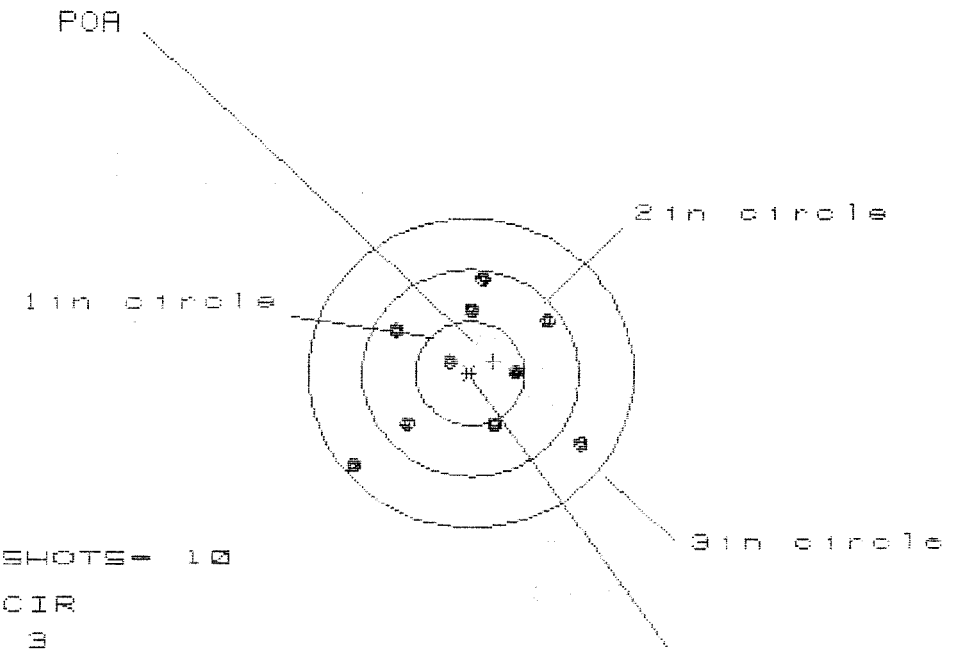
CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 10

HS= 2.108
VS= 1.781
GS= 2.222

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	.922	.681
MINIMUM X	:	-1.067	-.902	-.687
MAXIMUM Y	:	.898	.799	.703
MINIMUM Y	:	-.883	-.775	-.679
CENTROID X	:	-.214	-.095	-.210
CENTROID Y	:	-.115	-.016	.081
POA TO CENTROID in.	:	.242	.096	.225
MIN RADIUS	:	.208	.266	.182
MEAN RADIUS	:	.752	.668	.586
MAX RADIUS	:	1.386	1.204	.875
HORIZONTAL SPREAD	:	2.108	1.724	1.368
VERTICAL SPREAD	:	1.781	1.574	1.382
EXTREME SPREAD	:	2.222	2.021	1.567

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

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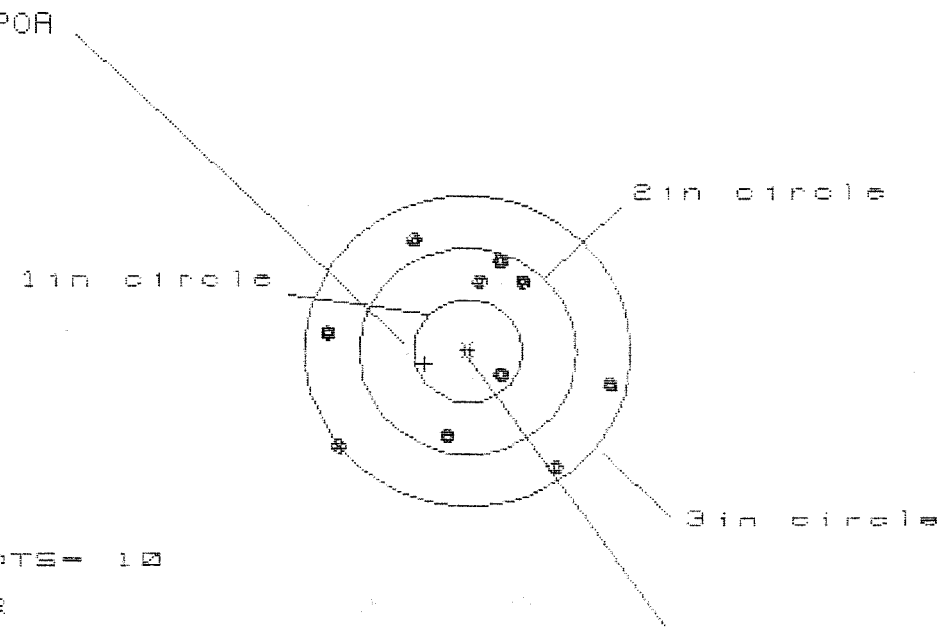
CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR	
1in	= 1
2in	= 5
3in	= 9

HS= 2.502
VS= 2.262
GS= 2.606

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.122	1.202
MINIMUM X	:	-1.243	-1.380	-1.300
MAXIMUM Y	:	1.110	1.007	.851
MINIMUM Y	:	-1.152	-1.255	-1.042
CENTROID X	:	.393	.530	.450
CENTROID Y	:	.126	.228	.385
POA TO CENTROID in.	:	.413	.577	.592
MIN RADIUS	:	.429	.423	.371
MEAN RADIUS	:	1.035	.954	.874
MAX RADIUS	:	1.535	1.408	1.340
HORIZONTAL SPREAD	:	2.502	2.502	2.502
VERTICAL SPREAD	:	2.262	2.262	1.893
EXTREME SPREAD	:	2.606	2.606	2.546
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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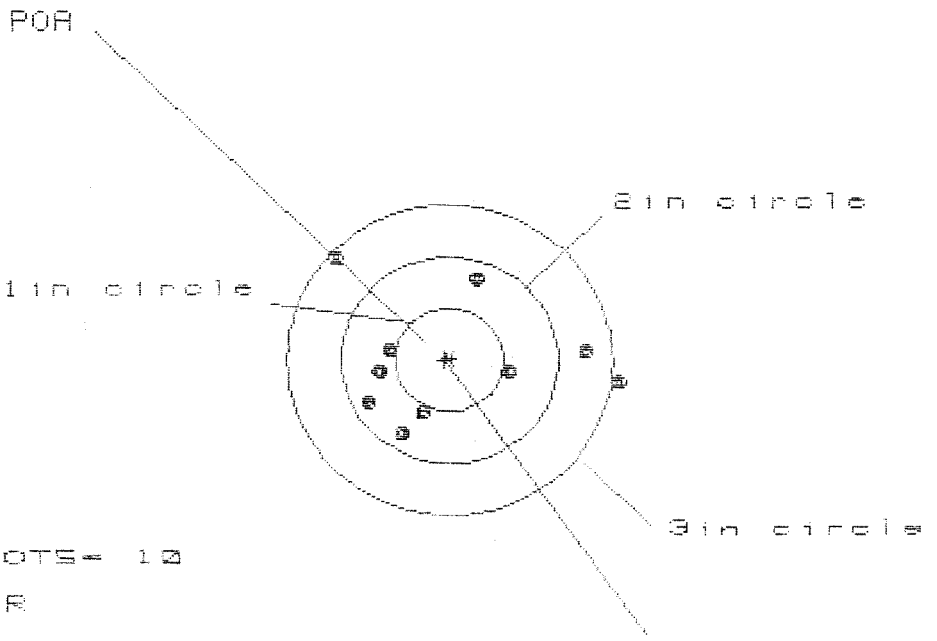
CENTERFIRE PATTERNS # 5



\# OF SHOTS= 10

# IN CIR	
1in	= 0
2in	= 7
3in	= 9

HS= 2.586
VS= 1.741
GS= 2.881

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.517	1.399	1.286
MINIMUM X	-1.069	-.900	-.647
MAXIMUM Y	1.033	1.007	.886
MINIMUM Y	-.708	-.734	-.608
CENTROID X	.045	-.124	-.011
CENTROID Y	.011	.037	-.089
POA TO CENTROID in.	.046	.129	.089
MIN RADIUS	.533	.363	.423
MEAN RADIUS	.903	.801	.728
MAX RADIUS	1.535	1.402	1.306
HORIZONTAL SPREAD	2.586	2.299	1.933
VERTICAL SPREAD	1.741	1.741	1.494
EXTREME SPREAD	2.881	2.471	1.994
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	