

C6348787

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

M2400064029

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. 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: **RE00133029**

Serial: C6348787 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status: Closed 8/22/2007 7:13:17 AM

Verify Repair **High Priority**

Address Information

Customer:

Received From

Return To:

Received From

Name: **TRANSPORTATION OFFICER**

TRANSPORTATION OFFICER

Address 1: **XR WOK8 USA ROCK ISL ARSENAL**

XR WOK8 USA ROCK ISL ARSENAL

Address 2: **BLDG 299 GILLESPIE AVE BECK** PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: **ROCK ISLAND**

ROCK ISLAND

State: **IL**

Zip Code: **61299**

Country: **US**

State: **IL**

Zip Code: **61299**

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

Repair Search

Refresh

Close

nagletj

8/22/2007

7:54 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:54 AM

Serial Number: **C6348787**

Model: **M24 SWS**



RE00133029

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348787.__0

FILE DATE AND TIME: 12/07/2007 09:16

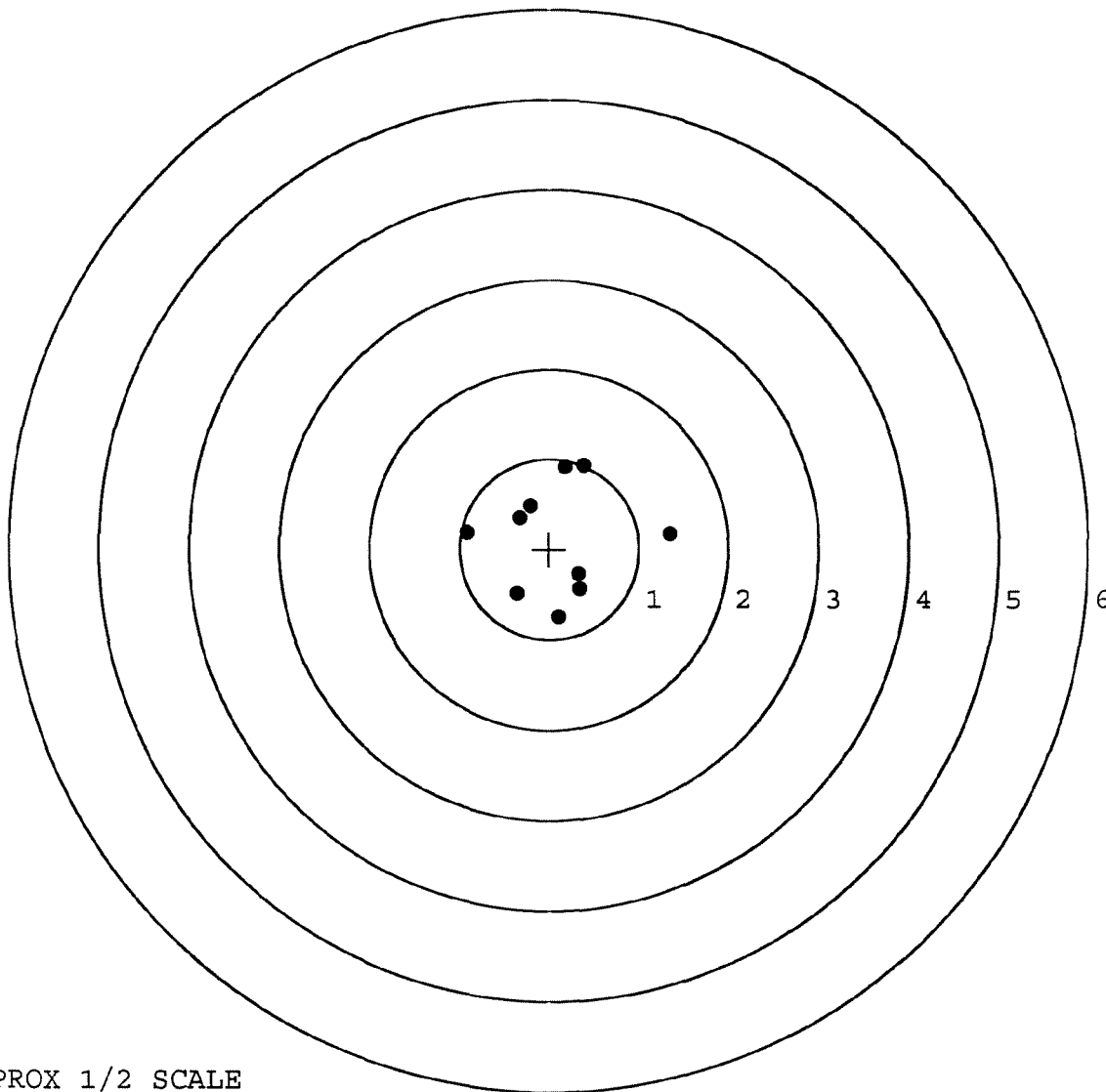
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.037
The Average Mean Radius of the Five Target Set:	0.655
The Distance from POA to Centroid Target #1:	0.134
The Distance from Centroid Target #2 to Centroid Target #1:	0.268
The Distance from Centroid Target #3 to Centroid Target #1:	0.202
The Distance from Centroid Target #4 to Centroid Target #1:	0.091
The Distance from Centroid Target #5 to Centroid Target #1:	0.313

SERIAL NUMBER: C6348787. __0
TARGET NUMBER: 1
FILE DATE: 12/07/2007
FILE TIME: 09:16

POINT#	X	Y
1:	1.340	0.170
2:	0.393	0.927
3:	0.175	0.909
4:	-0.219	0.475
5:	-0.337	0.344
6:	-0.923	0.184
7:	0.329	-0.270
8:	0.342	-0.439
9:	0.102	-0.759
10:	-0.363	-0.498

X CENTROID: 0.084
Y CENTROID: 0.104
POA TO CENTROID: 0.134
HORZ SPREAD: 2.263
VERT SPREAD: 1.686
GROUP SPREAD: 2.263
MIN RADIUS: 0.447
MAX RADIUS: 1.258
MEAN RADIUS: 0.758
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

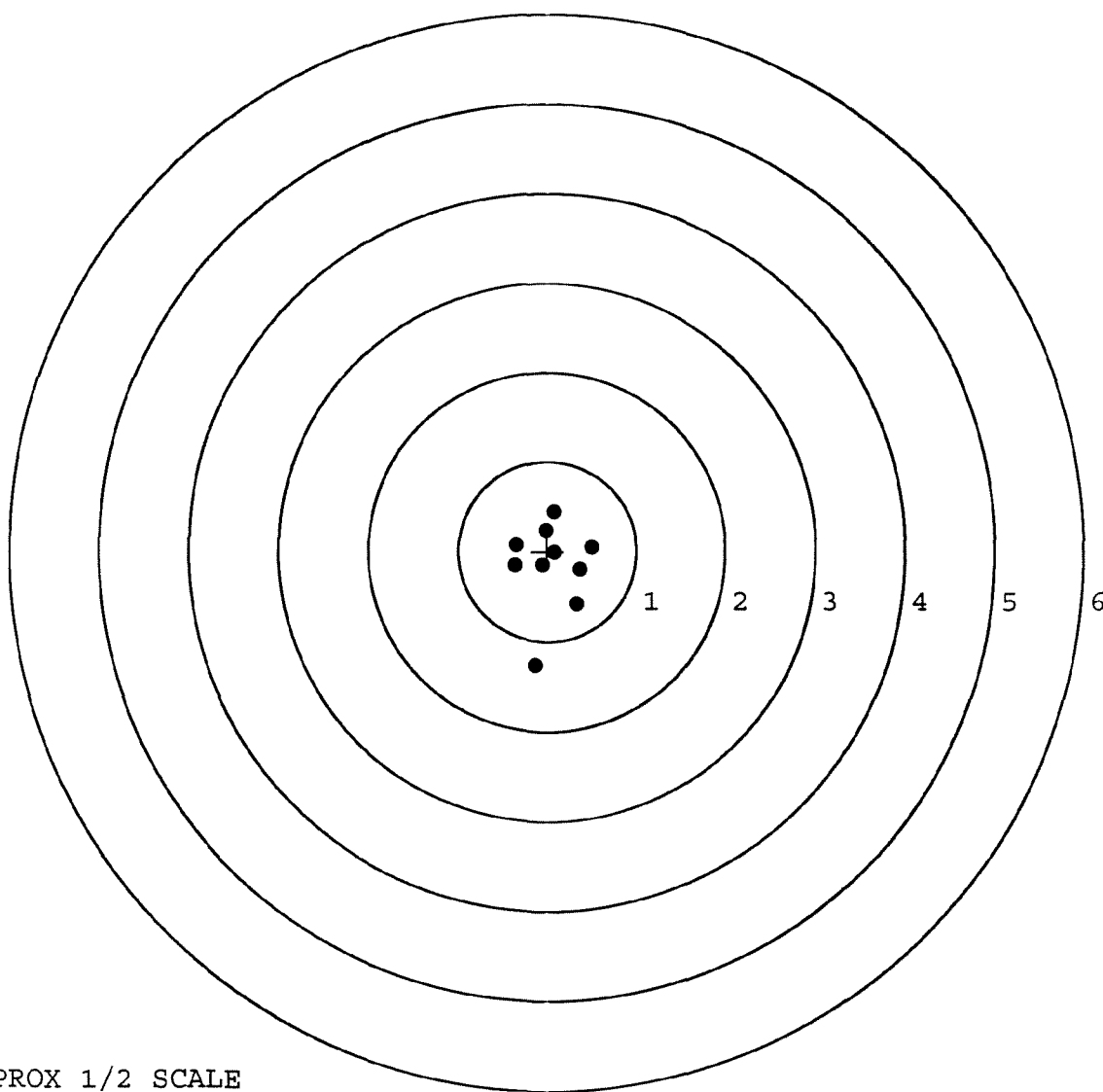


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348787.___0
TARGET NUMBER: 2
FILE DATE: 12/07/2007
FILE TIME: 09:16

POINT#	X	Y
1:	-0.144	-1.272
2:	0.328	-0.583
3:	0.371	-0.203
4:	0.502	0.051
5:	0.075	0.439
6:	-0.018	0.232
7:	0.084	-0.020
8:	-0.059	-0.155
9:	-0.366	-0.161
10:	-0.347	0.072

X CENTROID: 0.043
Y CENTROID: -0.160
POA TO CENTROID: 0.166
HORZ SPREAD: 0.868
VERT SPREAD: 1.711
GROUP SPREAD: 1.725
MIN RADIUS: 0.102
MAX RADIUS: 1.128
MEAN RADIUS: 0.458
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

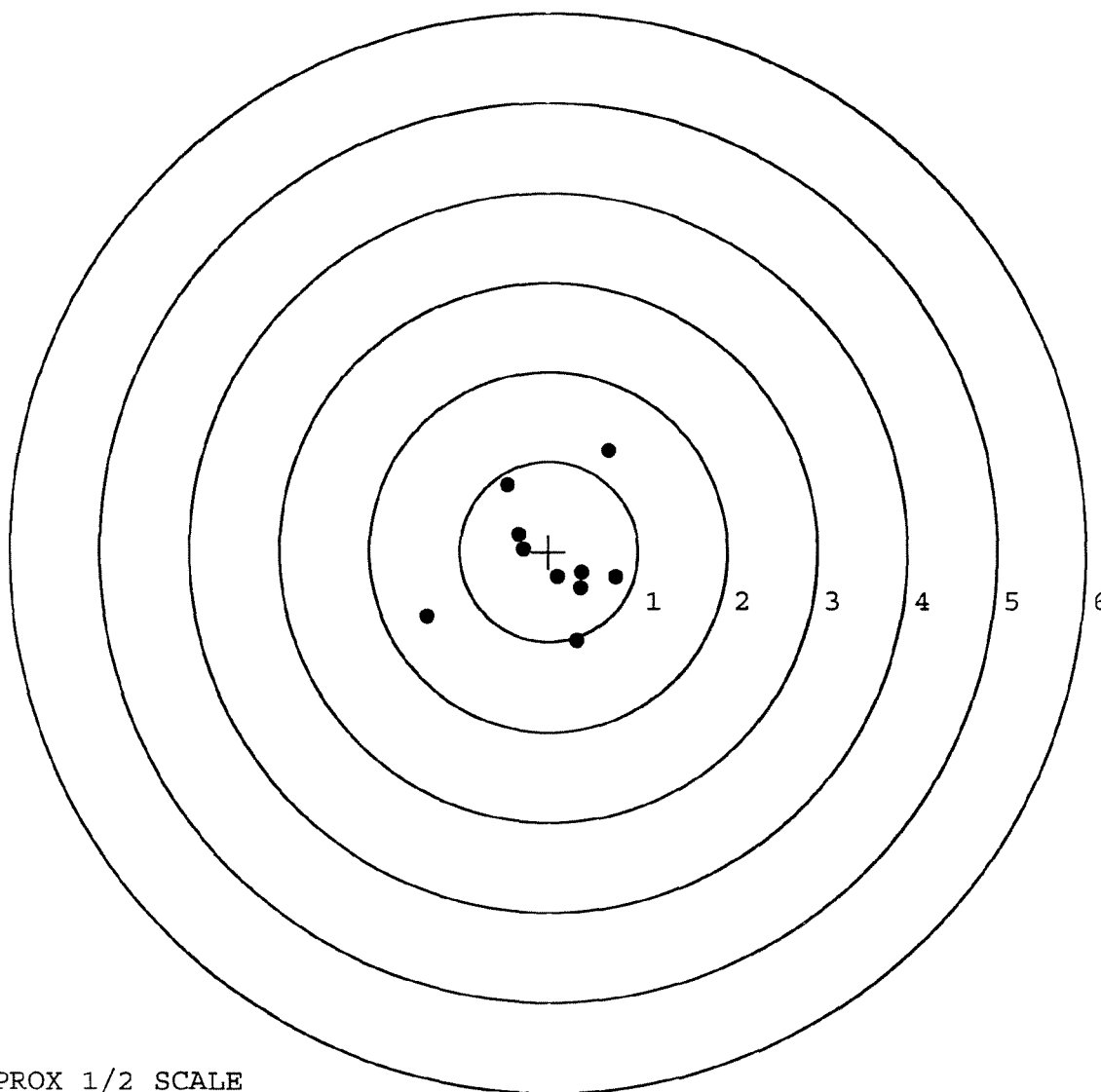


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348787. __0
TARGET NUMBER: 3
FILE DATE: 12/07/2007
FILE TIME: 09:16

POINT#	X	Y
1:	0.670	1.125
2:	0.750	-0.284
3:	0.317	-0.996
4:	0.357	-0.412
5:	0.369	-0.235
6:	0.094	-0.281
7:	-0.286	0.032
8:	-0.340	0.197
9:	-0.465	0.739
10:	-1.359	-0.727

X CENTROID: 0.011
Y CENTROID: -0.084
POA TO CENTROID: 0.085
HORZ SPREAD: 2.109
VERT SPREAD: 2.121
GROUP SPREAD: 2.747
MIN RADIUS: 0.214
MAX RADIUS: 1.513
MEAN RADIUS: 0.742
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348787. __0

TARGET NUMBER: 4

FILE DATE: 12/07/2007

FILE TIME: 09:16

POINT#	X	Y
1:	1.071	0.832
2:	0.487	-0.250
3:	0.206	-0.347
4:	0.192	-0.730
5:	0.044	-0.010
6:	-0.801	-0.272
7:	0.007	0.490
8:	-0.342	0.298
9:	-0.519	0.471
10:	-0.411	0.695

X CENTROID: -0.007

Y CENTROID: 0.118

POA TO CENTROID: 0.118

HORZ SPREAD: 1.872

VERT SPREAD: 1.562

GROUP SPREAD: 2.173

MIN RADIUS: 0.137

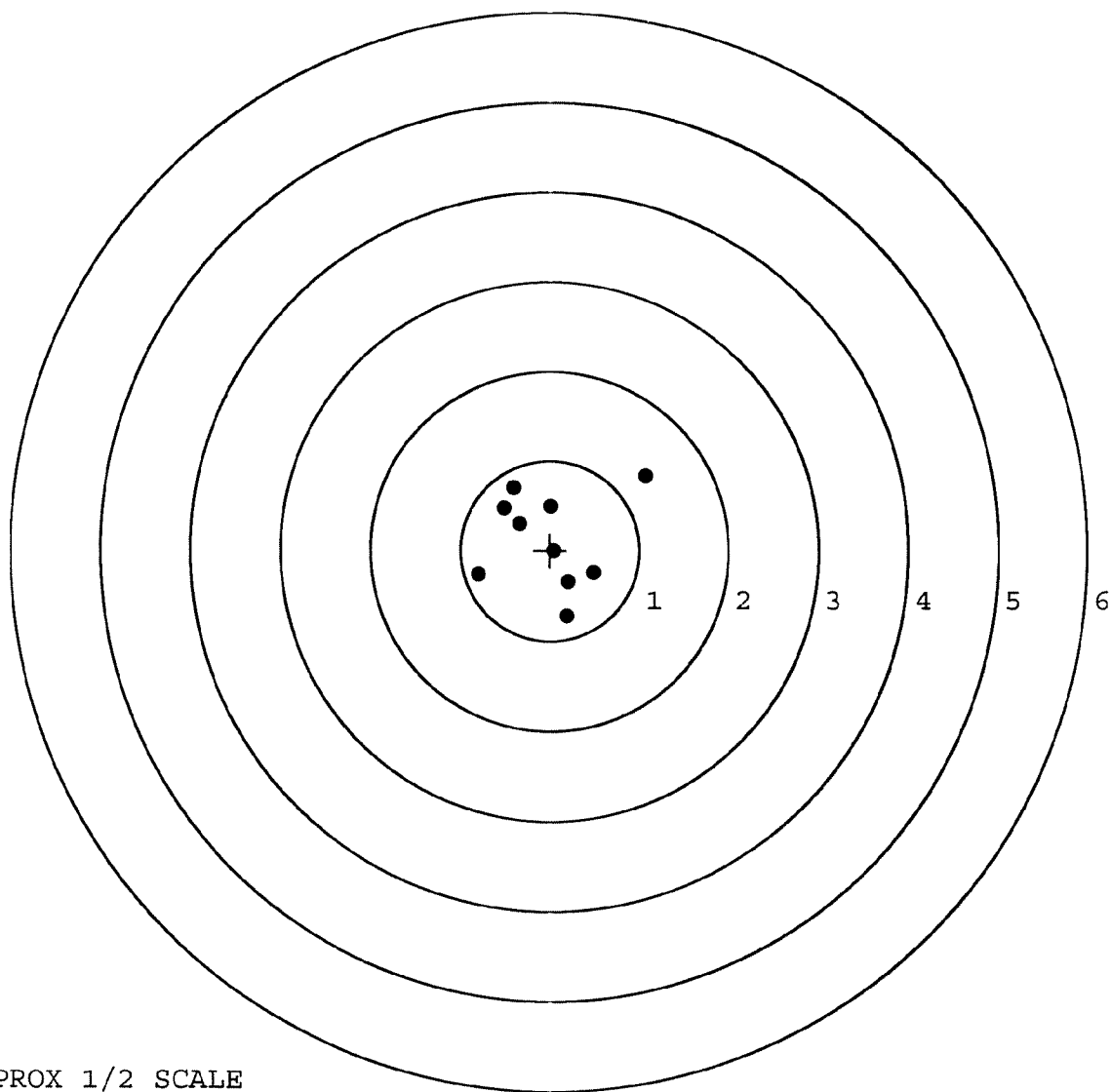
MAX RADIUS: 1.293

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

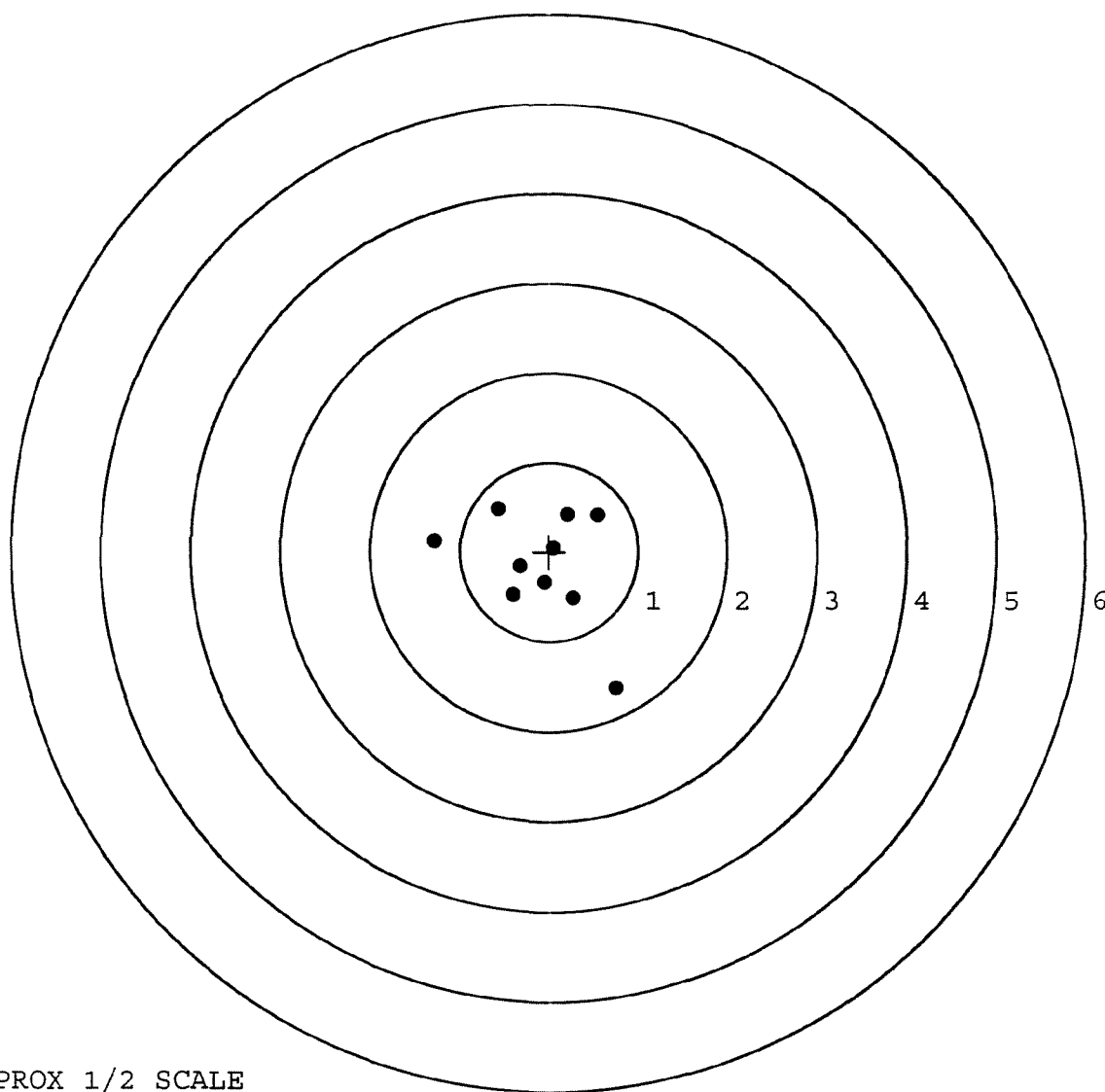


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348787.___0
TARGET NUMBER: 5
FILE DATE: 12/07/2007
FILE TIME: 09:16

POINT#	X	Y
1:	0.744	-1.525
2:	0.546	0.412
3:	0.204	0.415
4:	0.267	-0.524
5:	-0.057	-0.353
6:	0.051	0.041
7:	-0.329	-0.170
8:	-0.411	-0.487
9:	-1.286	0.120
10:	-0.578	0.477

X CENTROID: -0.085
Y CENTROID: -0.159
POA TO CENTROID: 0.181
HORZ SPREAD: 2.030
VERT SPREAD: 2.002
GROUP SPREAD: 2.613
MIN RADIUS: 0.196
MAX RADIUS: 1.597
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		133029	
SERIAL NUMBER		C6348787	
LOG-IN DATE		8-22-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-6-07	RTC
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF	11-7-07	TRW
605	CHECK HEADSPACE	11-7-07	TRW
610	DIS-ASSEMBLE GUN	11-08-07	TRW
612	MAGNAFLUX	11-14-07	JS
510	DRILL AND TAP	11-8-07	SD
615	ROLLMARK CALIBER	11-3-07	CW
618	ROTO-BLAST	11-14-07	YU
620	APPLY COATINGS	11/27/07	TRW
625	FINAL ASSEMBLY	12-3-07	RTC
640	FUNCTION TEST AND	PASS FAIL 12-6-07	TRW
650	TARGET	PASS FAIL 12-6-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-6-07	FM
	A) HEADSPACE	1-2-08	RTC
	B) TRIGGER PULL	282 282 274 278 276 12-7-7	DA
680	F) SAFETY ON FORCE	55 60 55 12-7-07	DA
	G) SAFETY OFF FORCE	40 35 35 12-7-07	DA
	I) FIRING PIN INDENT	.023 .022 .022 12-7-07	DA
690	PACK	1-2-08	DA

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348787

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	REJECTED 9/29/89		KCR
	Magnaflux Bolt			KCR
615	Rollmark Caliber			
7	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			
	G) Safety Off Force			
	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 Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348787

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber		11/2/89	G.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	A
	C) Inspect Ejector Hole for Chamfer		11-10-89	A
	D) Oil Firing Pin Ass'y		11-10-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		16 Nov 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	4			16 Nov 89	JS
	G) Safety Off Force	4	3	3			16 Nov 89	JS
	H) Trigger Pull Test & Retainability						16 Nov 89	JS
	I) Firing Pin Indent	.021	.022	.022			16 Nov 89	JS
	J) Assemble Stock						11-17-89	AC
	K) Assemble Swivel Studs						28 Nov 89	JS
	L) Attach Front and Rear Sight Assemblies						11-17-89	AC
	M) Iron Sight Alignment						11-17-89	AC
	N) Detach Front & Rear Sights & place in numbered container						11-17-89	AC
	O) Attach Scope to Rifle						27 Nov 89	JS
	P) Detach & Attach Scope 20 Times						27 Nov 89	JS
640	Gallery Target & Test						11-27-89	D/H
	A) Time						11-27-89	D/H
	B) Malfunctions						11-27-89	D/H
	C) Pierced Primers						11-27-89	D/H
	D) Optical Clarity of Scope						11-27-89	D/H
645	Inspect for Live Ammo						11-27-89	D/H
655	Final Inspection							
	A) Headspace						28 Nov 89	JS
	B) Trigger Pull	225	200	218	208	209	28 Nov 89	JS
	C) Function						28 Nov 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. C6348787
DATE 12 MAR 90
TESTER AS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	233	234		227	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	232	230		231	
PULL #3	236	227		233	
PULL #4	237	228		219	
PULL #5	235	233		223	
TOTAL	1173	1152			
AVG.	234.6	230.4			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	295	290		
PULL #2	285	293		
PULL #3	290	297		
PULL #4	295	294		
PULL #5	282	297		
TOTAL	1455	1471		
AVG.	291	294.2		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	417	404		
PULL #2	411	404		
PULL #3	411	406		
PULL #4	407	404		
PULL #5	411	406		
TOTAL	2057	2024		
AVG.	411.4	404.8		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348787
27 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.38513
1 TO	2	.362746
1 TO	3	.292195
1 TO	4	.33544
1 TO	5	.675195

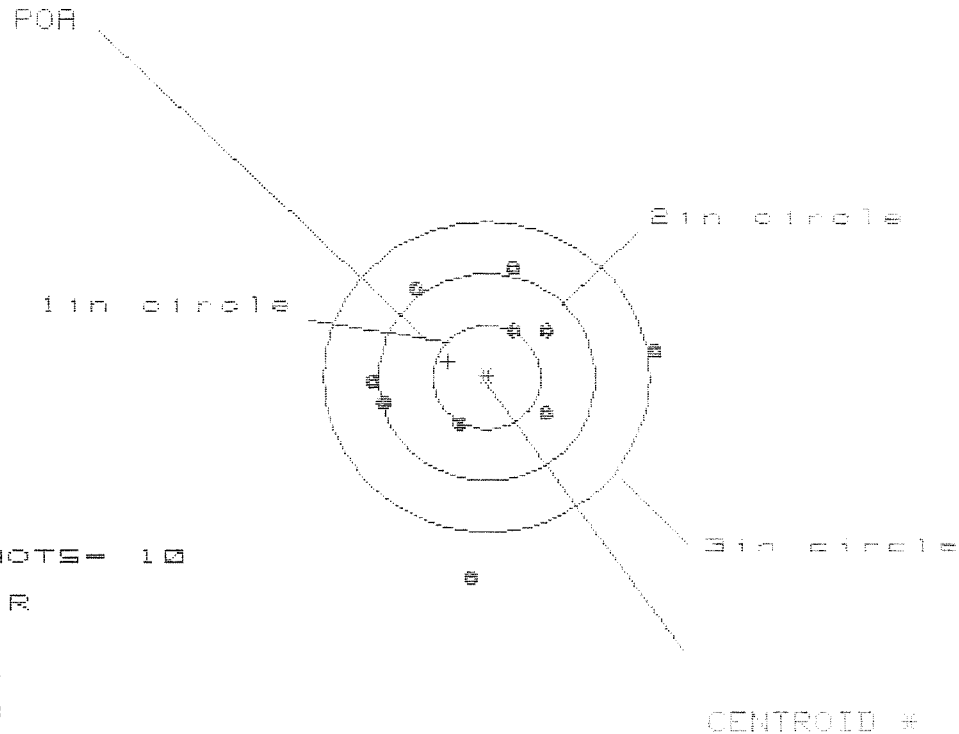
σ^2 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0662
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0664
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0604417
THE AMR FOR THIS RIFLE IS: 1.043

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B7B7

CENTERFIRE PATTERNS # 1



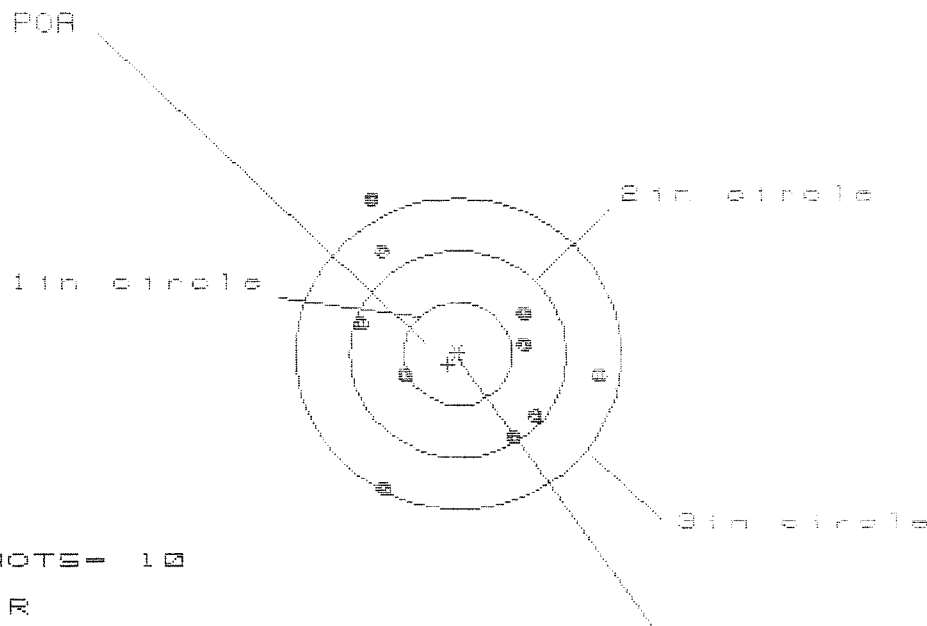
OF SHOTS- 10
 # IN CIR
 1 in = 1
 2 in = 4
 3 in = 8
 HS= 2.549
 VS= 2.992
 GS= 3.015

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.535	1.517	.711
MINIMUM X	-1.014	-1.032	-.842
MAXIMUM Y	1.053	.838	.845
MINIMUM Y	-1.939	-.644	-.637
CENTROID X	.353	.371	.181
CENTROID Y	-.154	.061	.054
POR TO CENTROID in.	.385	.376	.189
MIN RADIUS	.488	.344	.488
MEAN RADIUS	1.010	.879	.799
MAX RADIUS	1.945	1.518	.937
HORIZONTAL SPREAD	2.549	2.549	1.553
VERTICAL SPREAD	2.992	1.482	1.482
EXTREME SPREAD	3.015	2.576	1.785
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C83487B7

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 2.238

VS= 2.861

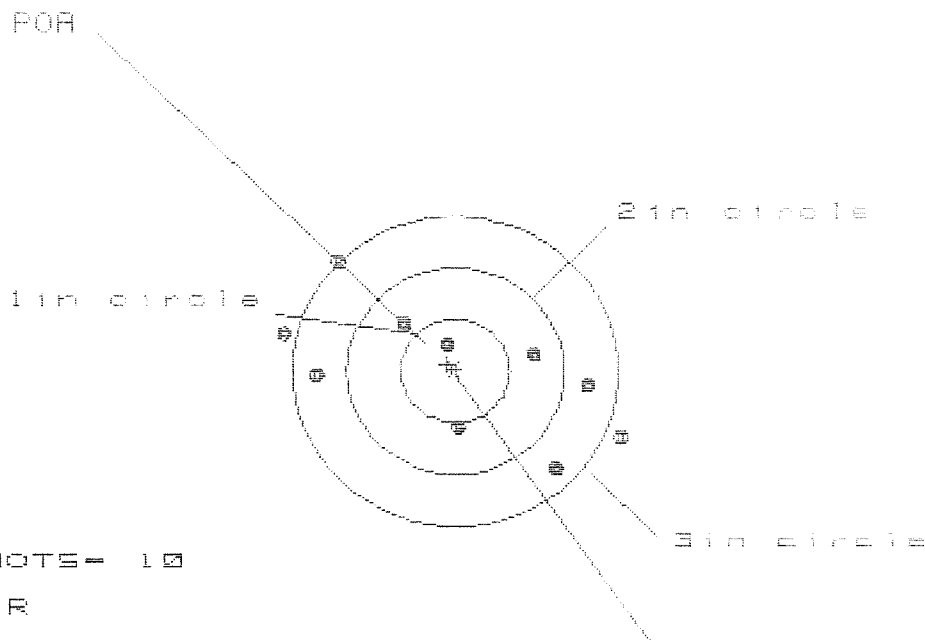
GS= 2.863

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.297	1.207	1.198
MINIMUM X	:	-.941	-1.031	-1.130
MAXIMUM Y	:	1.516	1.123	.976
MINIMUM Y	:	-1.345	-1.177	-1.791
CENTROID X	:	.096	.186	.285
CENTROID Y	:	.102	-.066	.031
POR TO CENTROID in.	:	.140	.197	.296
MIN RADIUS	:	.550	.519	.375
MEAN RADIUS	:	1.043	.947	.865
MAX RADIUS	:	1.720	1.420	1.340
HORIZONTAL SPREAD	:	2.238	2.238	2.238
VERTICAL SPREAD	:	2.861	2.300	1.767
EXTREME SPREAD	:	2.863	2.353	2.353
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B7B7

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 3.1000

VS= 1.975

GS= 3.252

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	1.377	1.208
MINIMUM X	:	-1.527	-1.352	-1.248
MAXIMUM Y	:	1.035	.967	1.004
MINIMUM Y	:	-.940	-1.008	-.971
CENTROID X	:	.076	-.099	.070
CENTROID Y	:	-.061	.007	-.030
POA TO CENTROID in.	:	.097	.099	.076
MIN RADIUS	:	.268	.199	.237
MEAN RADIUS	:	1.084	1.000	.945
MAX RADIUS	:	1.689	1.511	1.503
HORIZONTAL SPREAD	:	3.100	2.729	2.456
VERTICAL SPREAD	:	1.975	1.975	1.975
EXTREME SPREAD	:	3.252	2.865	2.865
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

27 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6340787

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.600

VS= 2.500

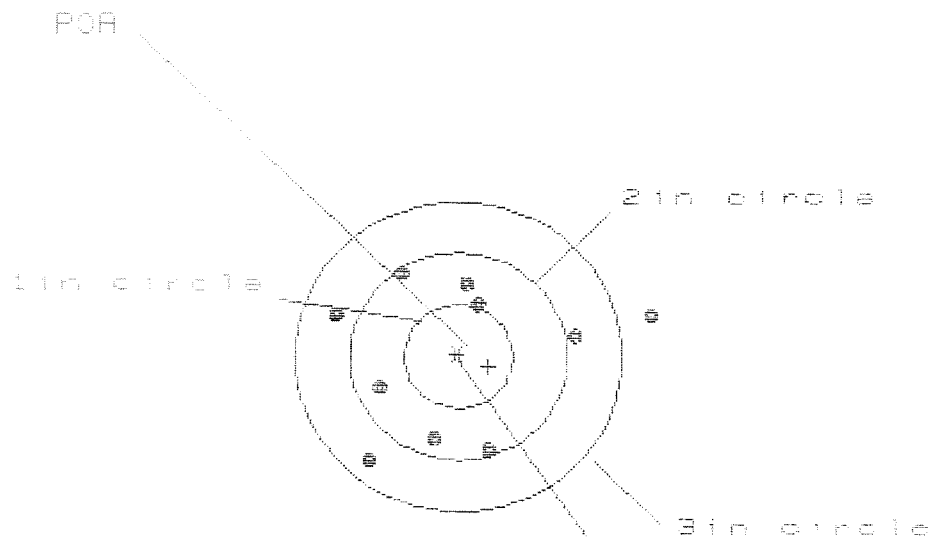
GS= 2.638

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	1.299	1.178
MINIMUM X	:	-1.288	-1.301	-1.422
MAXIMUM Y	:	1.017	.853	.846
MINIMUM Y	:	-1.483	-1.084	-1.978
CENTROID X	:	.051	.064	.185
CENTROID Y	:	-.008	.156	.050
POA TO CENTROID in.	:	.052	.169	.192
MIN RADIUS	:	.503	.453	.545
MEAN RADIUS	:	1.053	.993	.943
MAX RADIUS	:	1.487	1.332	1.433
HORIZONTAL SPREAD	:	2.600	2.600	2.600
VERTICAL SPREAD	:	2.500	1.937	1.824
EXTREME SPREAD	:	2.638	2.606	2.606
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C83487B7

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.885

VS= 1.856

GS= 2.963

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.750	1.267	1.187
MINIMUM X	:	-1.145	-0.950	-1.030
MAXIMUM Y	:	.814	.860	.736
MINIMUM Y	:	-1.042	-0.996	-1.020
CENTROID X	:	-.275	-.470	-.390
CENTROID Y	:	.094	.048	.173
POA TO CENTROID in.	:	.291	.472	.427
MIN RADIUS	:	.555	.548	.539
MEAN RADIUS	:	1.023	.918	.873
MAX RADIUS	:	1.799	1.288	1.192
HORIZONTAL SPREAD	:	2.895	2.217	2.217
VERTICAL SPREAD	:	1.856	1.856	1.755
EXTREME SPREAD	:	2.963	2.263	2.229
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.

C6348787

ORDER NO.

5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348787

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-15130

INITIAL JJM	CUSTOMER ORDER NO.	W/LEUPOLD ULTRA 10X-M3A SCOPE M-24 W/DEPLOYMENT KIT W/BI-POD			
DATE RECEIVED 05/22/95	DATE OPENED 05/22/95	DATE CODE RJ 11-89	SERIAL NUMBER C6348787	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES HARD CASE		SCOPE MNTS		SCOPE BASE	

FROM:

SHIP TO:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

CUST NO: 080509 C.D.D.L

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.	New Barrel			D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			
MAIN FAULT						

PARTS Barrel - 96003	COMMENTS Re Powder Coat Trigger Guard Assy. Front & Rear Sight Bases Re Zinc Scope Base Rings & Swivel Studs				
WS24095143 H526					
REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 5/30/95	DATE 6/3/95	DATE 6/5/95	DATE 6/5/95	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400064050

CONTRACT # DAAA21-87-C-0086

*New Barrel*GUN SERIAL # *C6348787*

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		<i>5/30/85</i>	<i>RW</i>
600	Proof		<i>5/30/85</i>	<i>RW</i>
607	Check Headspace		<i>5/30/85</i>	<i>RW</i>
610	Dis-assemble Gun		<i>5/30/85</i>	<i>RW</i>
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		<i>6/5/85</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>6/3/85</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>6/3/85</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>6/3/85</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	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		6/5/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		6/5/95	RW
655	Final Inspection A) Headspace		6/9/95	RW
	B) Trigger Pull			
	C) Function		6/9/95	RW
660	Pack			

Final Inspection

Sn: C6348787

DATE REC'D: 5/22/95

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: _____

M240064054

DA FORM 2062
JAN 82

EDITION OF JAN 58 IS OBSOLETE.

DOC. IDENT.		RI FROM	M & S	STOCK NUMBER										QUANTITY	DOCUMENT NUMBER										SUPPLEMENTARY ADDRESS										FUND										DISTRIBUTION										PROJECT										PRIORITY										RECORD DATE										ADVISE										UNIT PRICE									
A5Z AWI		1005	01	240	2136	EA00001										W33BQ9	5121	0101	CMBBAN MGZ										03																																								514500																																			
SHIPPED FROM Supply & Services Division Whs 224 Fort Benning, GA 31905-5182																									SHIP TO Remington Arms Co, Inc ATTN: Custom Shop 14 Hoefer Avenue Ilion, NY 13357																									MARK FOR										PROJECT										TOTAL PRICE DOLLARS CTS.																																		
WAREHOUSE LOCATION LJAA1																									TYPE OF CARGO G					UNIT PACK H					UNIT WEIGHT I					UNIT CUBE J					UFC K					NMFC L					FREIGHT RATE M					DOCUMENT DATE N					MAT COND O					QUANTITY P					R					S																								
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED) T																									FREIGHT CLASSIFICATION NOMENCLATURE U																									V																																																						
W																									ITEM NOMENCLATURE X RIFLE 7.62MM M24 (SNIPER)																									SN: 295367 C6348787																																																						
SELECTED BY AND DATE JCH 5131																									TYPE OF CONTAINER(S) 2					TOTAL WEIGHT 3					RECEIVED BY AND DATE 7					INSPECTED BY AND DATE 8																																																																
PACKED BY AND DATE 4																									NO. OF CONTAINER(S) 5					TOTAL CUBE 6					WAREHOUSED BY AND DATE 9					WAREHOUSE LOCATION 10																																																																
REMARKS: SHIP US REGISTERED RETURN RECEIPT REQUESTED AA																									CC																									DD										EE																																												
FIRST DESTINATION ADDRESS 11																									DATE SHIPPED 12																									FF										GG																																												
13 TRANSPORTATION CHARGEABLE TO																									14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE) 15 RECEIVER'S DOCUMENT NUMBER																																																																															

DD Form 1348-1, JUL 91

PREVIOUS EDITION MAY BE USED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400064056

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION			
				-	02	Scott [Signature] <i>OPT INF</i>			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>U.S. Army</i>		B. LOCATION <i>CCO 1/2 INF. 3RD BDE 24TH I.D FT. BENNING GA. 31905 BLDG</i>		C. UNIT IDENT CODE <i>WAROCO</i>			
2. SERIAL NO. <i>C6348727</i>		3. NOUN NOMENCLATURE <i>Rifle 7.62 Sniper</i>		4. LINE NO. <i>A5387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005012402136</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main. ☒ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 003 Noisy ☒ 387 Low Performance ☐ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).									
<i>Rifle does not hold a tight shot group beyond 500 meters sometimes less. very</i>									
B. REMARKS <i>No Record of Rounds Fired through Rifle, Pitting on exterior of Barrel, low maintenance, slight damage to crown. P.O.C SGT. DAVIS (106) 544-1344 1962</i>									
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)									
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of O1 through O8. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.					13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.				
23. SUBMITTED BY <i>Davis [Signature]</i> SGT. U.S. Army JULIAN DATE <i>9581</i>		24. RECEIVED BY JULIAN DATE							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348787
11 JUL 1995

CENTROIDAL DISTANCES

0 TO	1	.122119
1 TO	2	.161645
1 TO	3	.290172
1 TO	4	.234691
1 TO	5	.451749

13 <----POR

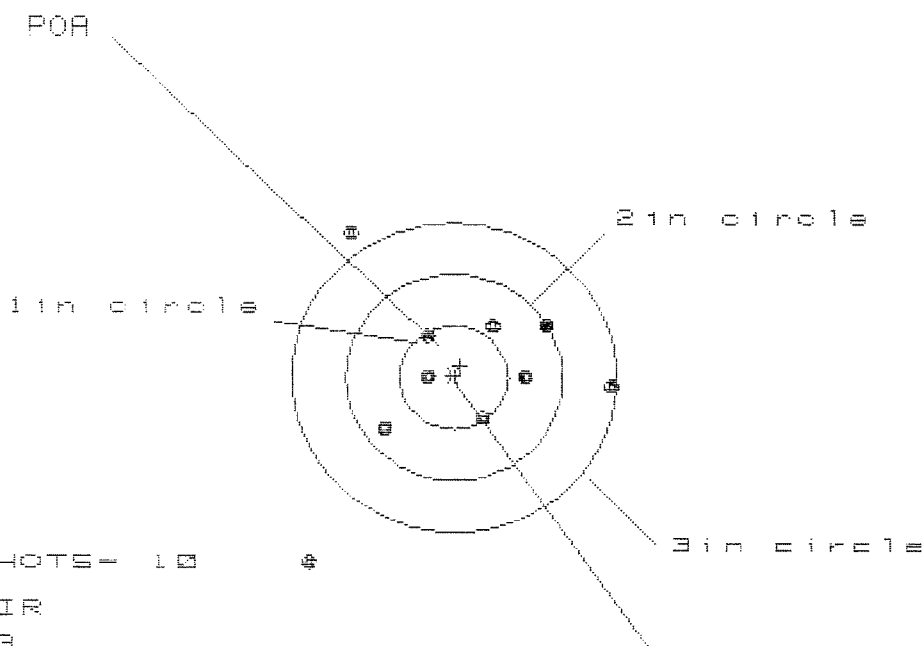
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0892
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0146
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0903869
THE AMR FOR THIS RIFLE IS: .9572

11 Jul 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C634B787

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.843

VS= 3.187

GS= 3.349

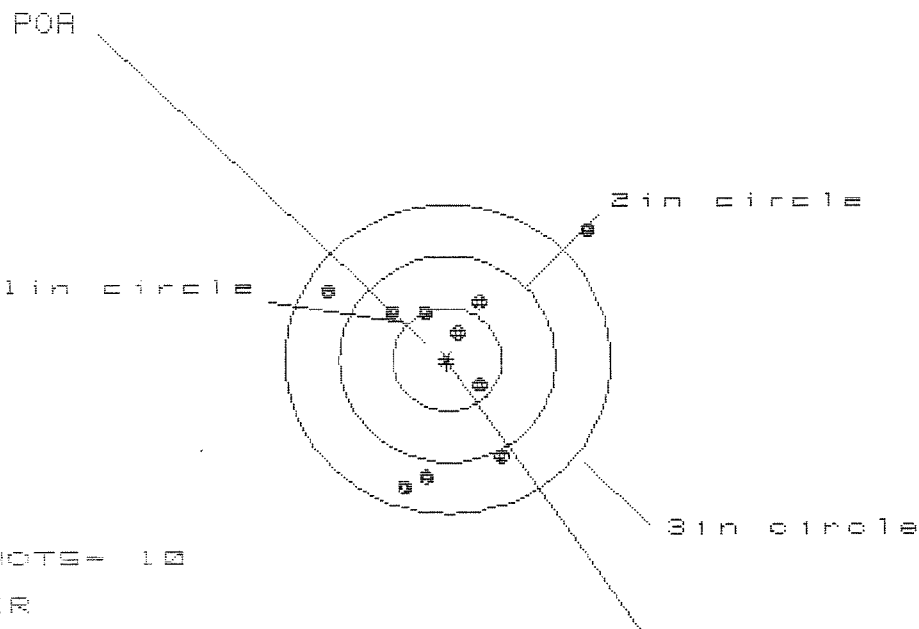
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.464	1.310	1.168
MINIMUM X	:	-1.379	-1.136	-.964
MAXIMUM Y	:	1.365	1.163	.420
MINIMUM Y	:	-1.822	-.672	-.527
CENTROID X	:	-.057	.097	.239
CENTROID Y	:	-.108	.094	-.051
POA TO CENTROID in.	:	.122	.135	.244
MIN RADIUS	:	.223	.320	.325
MEAN RADIUS	:	.958	.785	.667
MAX RADIUS	:	2.285	1.625	1.173
HORIZONTAL SPREAD	:	2.843	2.446	2.132
VERTICAL SPREAD	:	3.187	1.835	.947
EXTREME SPREAD	:	3.349	2.827	2.173
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06348787

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.455

VS= 2.427

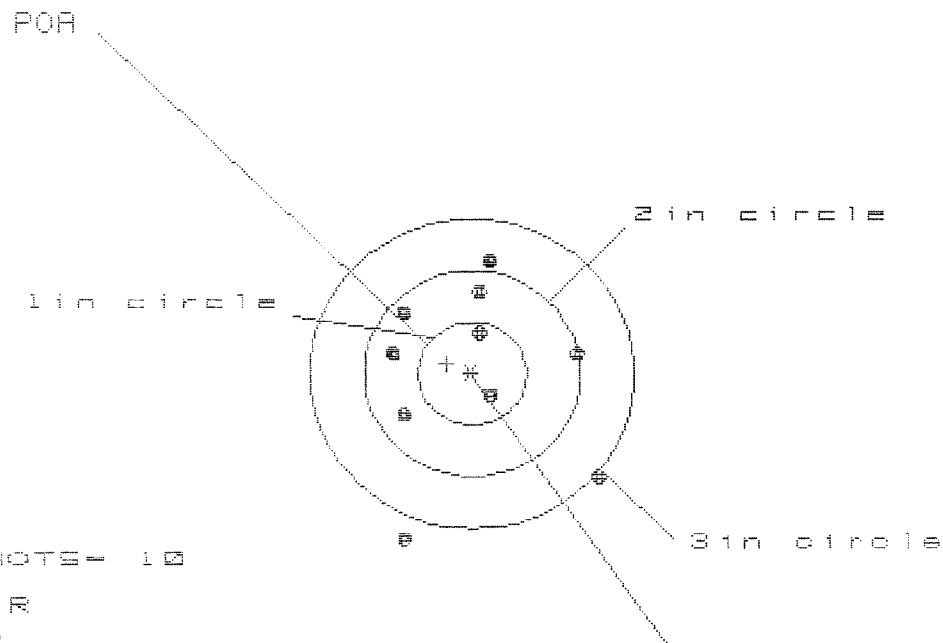
GS= 2.847

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	.615	.490
MINIMUM X	:	-1.143	-.997	-.440
MAXIMUM Y	:	1.218	.788	.772
MINIMUM Y	:	-1.209	-1.074	-.975
CENTROID X	:	.008	-.138	-.013
CENTROID Y	:	.040	-.095	-.194
POA TO CENTROID in.	:	.041	.168	.194
MIN RADIUS	:	.303	.446	.301
MEAN RADIUS	:	.899	.813	.746
MAX RADIUS	:	1.790	1.271	1.032
HORIZONTAL SPREAD	:	2.455	1.612	.930
VERTICAL SPREAD	:	2.427	1.862	1.747
EXTREME SPREAD	:	2.947	2.268	1.853
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

11 JUL 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8348787

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 1.879

VS = 2.627

GS = 2.736

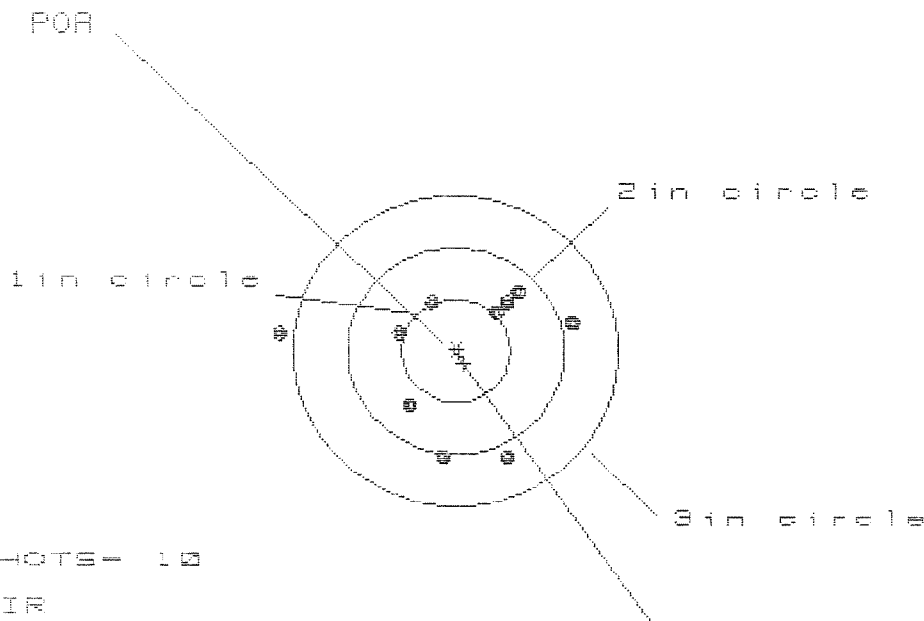
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.076	.987
MINIMUM X	:	-.737	-.803	-.669
MAXIMUM Y	:	1.061	.887	.740
MINIMUM Y	:	-1.566	-1.177	-.730
CENTROID X	:	.233	.299	.165
CENTROID Y	:	-.098	.076	.223
POA TO CENTROID in.	:	.253	.309	.278
MIN RADIUS	:	.299	.251	.197
MEAN RADIUS	:	.910	.797	.665
MAX RADIUS	:	1.676	1.594	.998
HORIZONTAL SPREAD	:	1.879	1.879	1.656
VERTICAL SPREAD	:	2.627	2.064	1.470
EXTREME SPREAD	:	2.736	2.355	1.659
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8348787

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.695

VS= 1.653

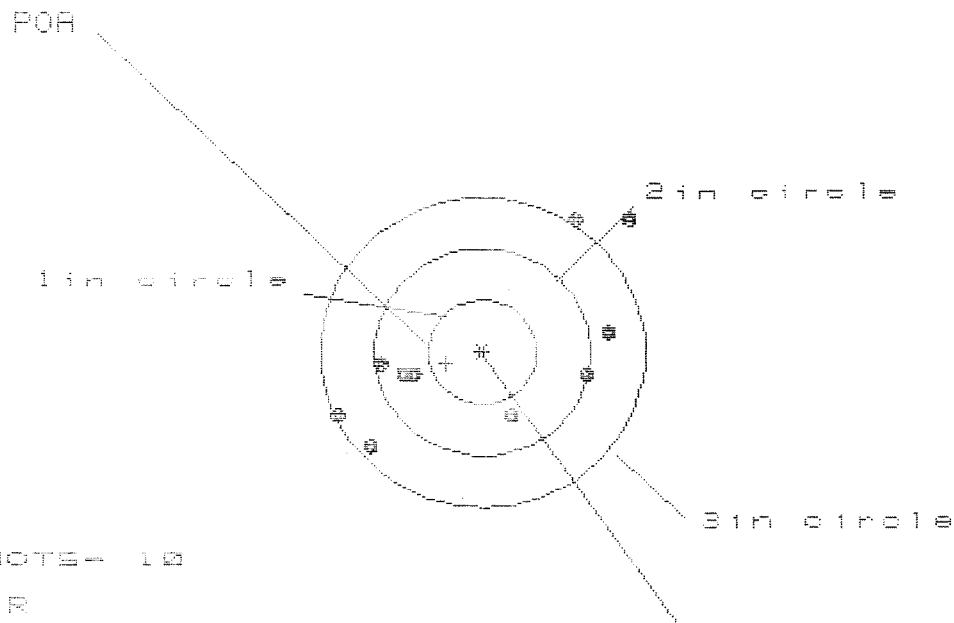
GS= 2.695

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	.843	.881
MINIMUM X	:	-1.666	-.706	-.668
MAXIMUM Y	:	.582	.604	.473
MINIMUM Y	:	-1.071	-1.049	-1.135
CENTROID X	:	-.075	.111	.073
CENTROID Y	:	.126	.104	.235
POA TO CENTROID in.	:	.146	.151	.246
MIN RADIUS	:	.522	.425	.341
MEAN RADIUS	:	.873	.771	.699
MAX RADIUS	:	1.679	1.092	1.167
HORIZONTAL SPREAD	:	2.695	1.549	1.549
VERTICAL SPREAD	:	1.653	1.653	1.608
EXTREME SPREAD	:	2.696	1.755	1.755
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/G83487B7

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.674

VS= 2.155

GS= 3.257

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.382	1.296	1.429
MINIMUM X	-1.292	-1.138	-1.005
MAXIMUM Y	1.288	1.430	.542
MINIMUM Y	-.867	-.725	-.546
CENTROID X	.337	.183	.050
CENTROID Y	.113	-.029	-.208
POA TO CENTROID in.	.355	.185	.214
MIN RADIUS	.640	.480	.360
MEAN RADIUS	1.146	1.015	.866
MAX RADIUS	1.879	1.782	1.528
HORIZONTAL SPREAD	2.674	2.434	2.434
VERTICAL SPREAD	2.155	2.155	1.089
EXTREME SPREAD	3.257	2.891	2.565
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		