

C6349188

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: **RE00070759** Serial: C6349188 Model 700 Center Fire Caliber: 7 Repairman:
 Verify Repair 62 NATO M/24 SWS Status: Closed 9/30/2003 7:47:36 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: C CO SPT BN C CO SPT BN
 Address 1: SWC SWC
 Address 2: PO Box 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
 Good
 Condition Notes:
 CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
C000	FRT AND REAR BASI	1

Repair Search Refresh Close

magletj 9/30/2003 8:43 AM CAPS NUM INS SCFL
 start 3. Rate 4. Micro 5. E. J. Search Is. Arms Ser. Part Ser. 8:43 AM

Serial Number: **C6349188**
 Model: **700**

RE00070759

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349188.___0

FILE DATE AND TIME: 10/28/2003 18:58

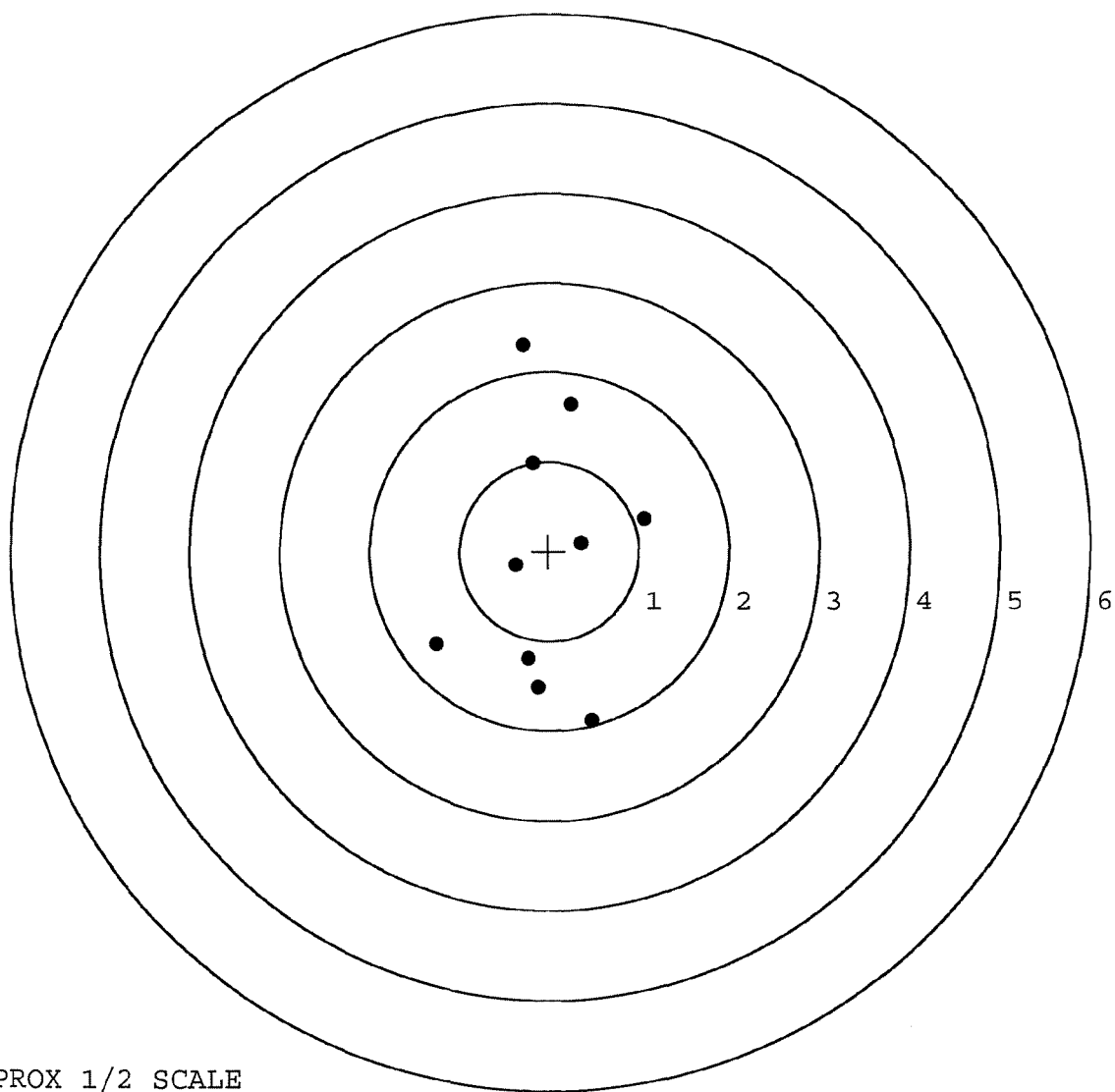
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.012
The Average Y Centroid of the Five Target Set:	-0.085
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.981
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.017
The Distance from Centroid Target #3 to Centroid Target #1:	0.156
The Distance from Centroid Target #4 to Centroid Target #1:	0.101
The Distance from Centroid Target #5 to Centroid Target #1:	0.087

SERIAL NUMBER: C6349188. __0
TARGET NUMBER: 1
FILE DATE: 10/28/2003
FILE TIME: 18:58

X CENTROID: -0.030
Y CENTROID: -0.043
POA TO CENTROID: 0.053
HORZ SPREAD: 2.313
VERT SPREAD: 4.187
GROUP SPREAD: 4.258
MIN RADIUS: 0.357
MAX RADIUS: 2.358
MEAN RADIUS: 1.319
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.481	-1.887
2:	-0.116	-1.526
3:	-0.226	-1.206
4:	-1.258	-1.041
5:	-0.368	-0.157
6:	0.357	0.098
7:	1.055	0.368
8:	-0.178	0.984
9:	0.245	1.636
10:	-0.293	2.300

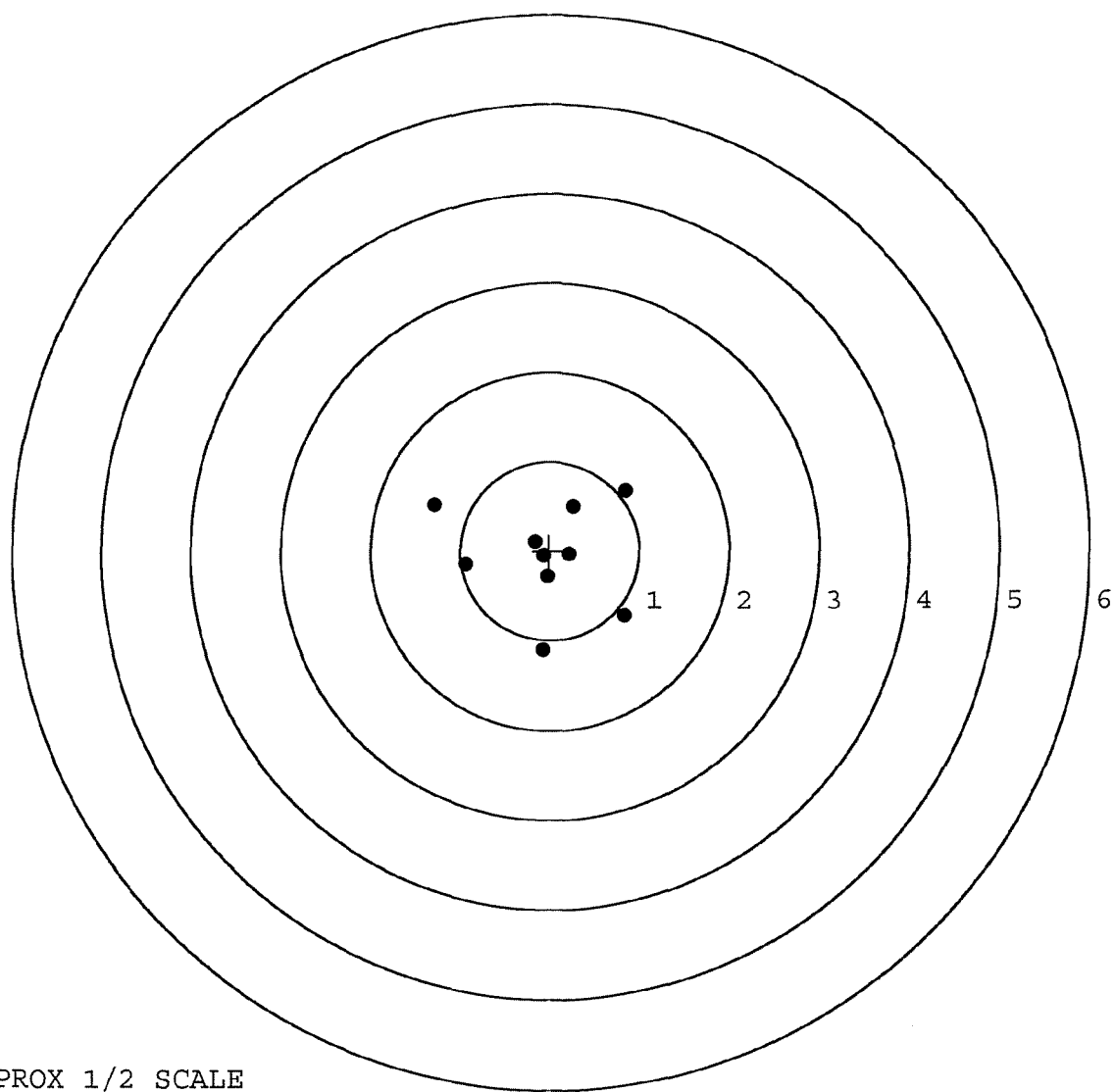


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349188. __0
TARGET NUMBER: 2
FILE DATE: 10/28/2003
FILE TIME: 18:58

X CENTROID: -0.038
Y CENTROID: -0.059
POA TO CENTROID: 0.070
HORZ SPREAD: 2.142
VERT SPREAD: 1.797
GROUP SPREAD: 2.463
MIN RADIUS: 0.025
MAX RADIUS: 1.378
MEAN RADIUS: 0.696
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.835	-0.728
2:	-0.075	-1.119
3:	-0.938	-0.148
4:	-1.290	0.517
5:	0.852	0.678
6:	0.264	0.503
7:	0.222	-0.044
8:	-0.023	-0.292
9:	-0.166	0.101
10:	-0.063	-0.054



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349188. __0

TARGET NUMBER: 3

FILE DATE: 10/28/2003

FILE TIME: 18:58

POINT#	X	Y
1:	0.378	1.300
2:	0.742	1.183
3:	0.582	0.917
4:	0.515	0.349
5:	0.227	-0.510
6:	0.026	-0.543
7:	-0.232	-0.609
8:	0.058	-2.260
9:	-0.828	-1.597
10:	-0.723	0.178

X CENTROID: 0.074

Y CENTROID: -0.159

POA TO CENTROID: 0.176

HORZ SPREAD: 1.570

VERT SPREAD: 3.560

GROUP SPREAD: 3.574

MIN RADIUS: 0.383

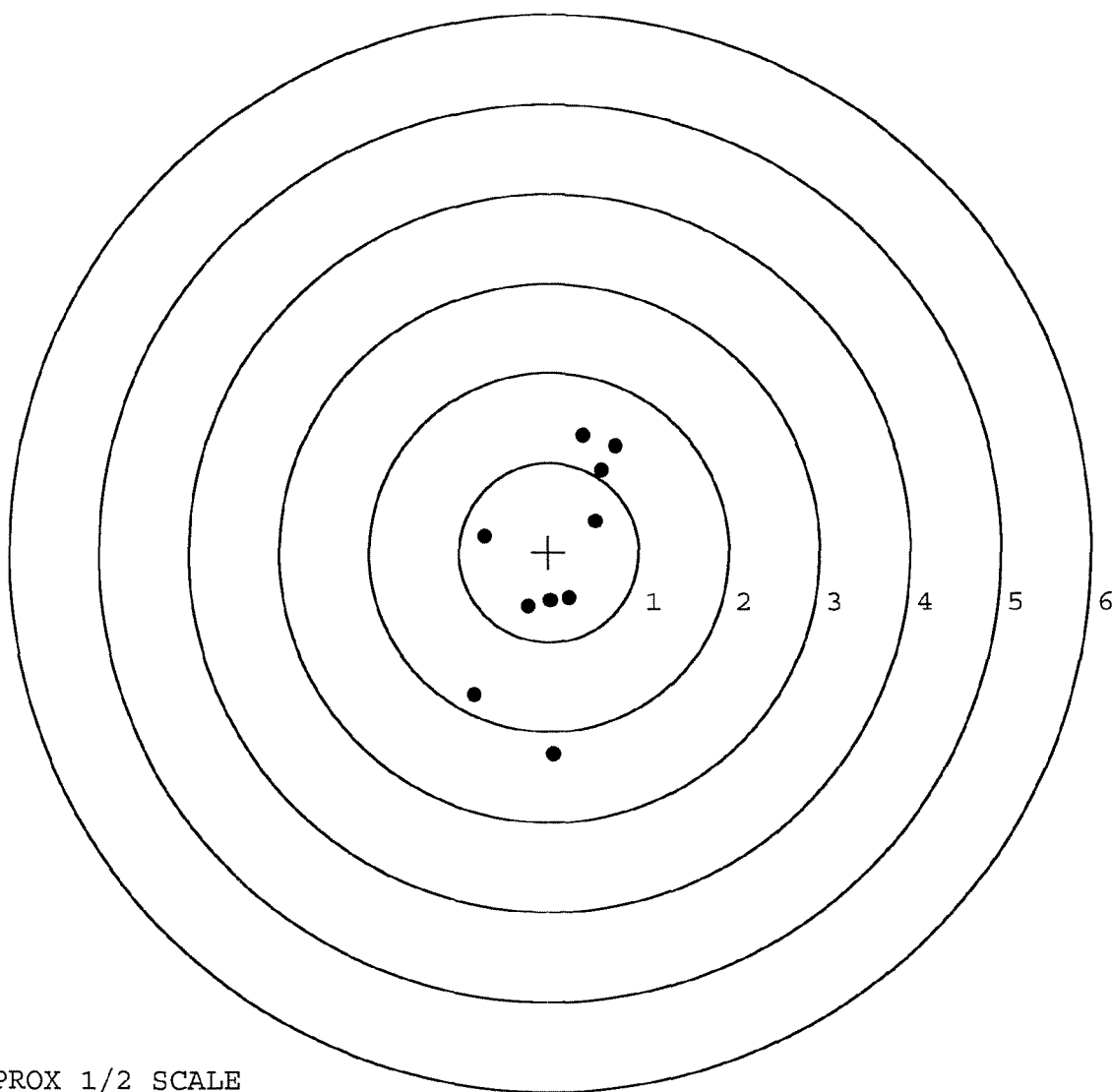
MAX RADIUS: 2.101

MEAN RADIUS: 1.083

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

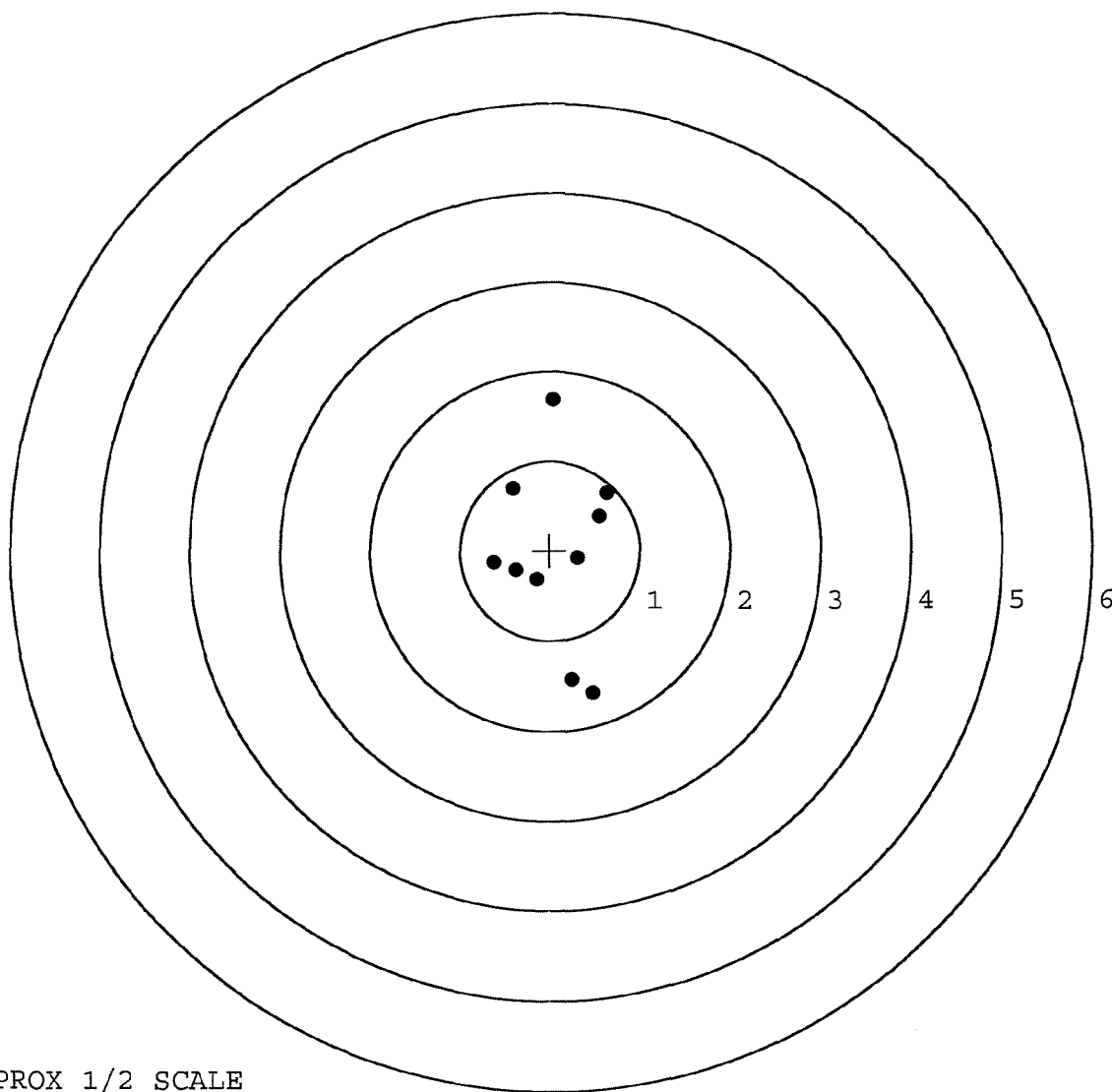


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349188. __0
TARGET NUMBER: 4
FILE DATE: 10/28/2003
FILE TIME: 18:58

X CENTROID: 0.071
Y CENTROID: -0.036
POA TO CENTROID: 0.080
HORZ SPREAD: 1.256
VERT SPREAD: 3.258
GROUP SPREAD: 3.289
MIN RADIUS: 0.241
MAX RADIUS: 1.719
MEAN RADIUS: 0.892
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.482	-1.576
2:	0.253	-1.430
3:	0.636	0.653
4:	0.547	0.389
5:	0.307	-0.086
6:	-0.411	0.698
7:	0.035	1.682
8:	-0.620	-0.138
9:	-0.377	-0.224
10:	-0.143	-0.331

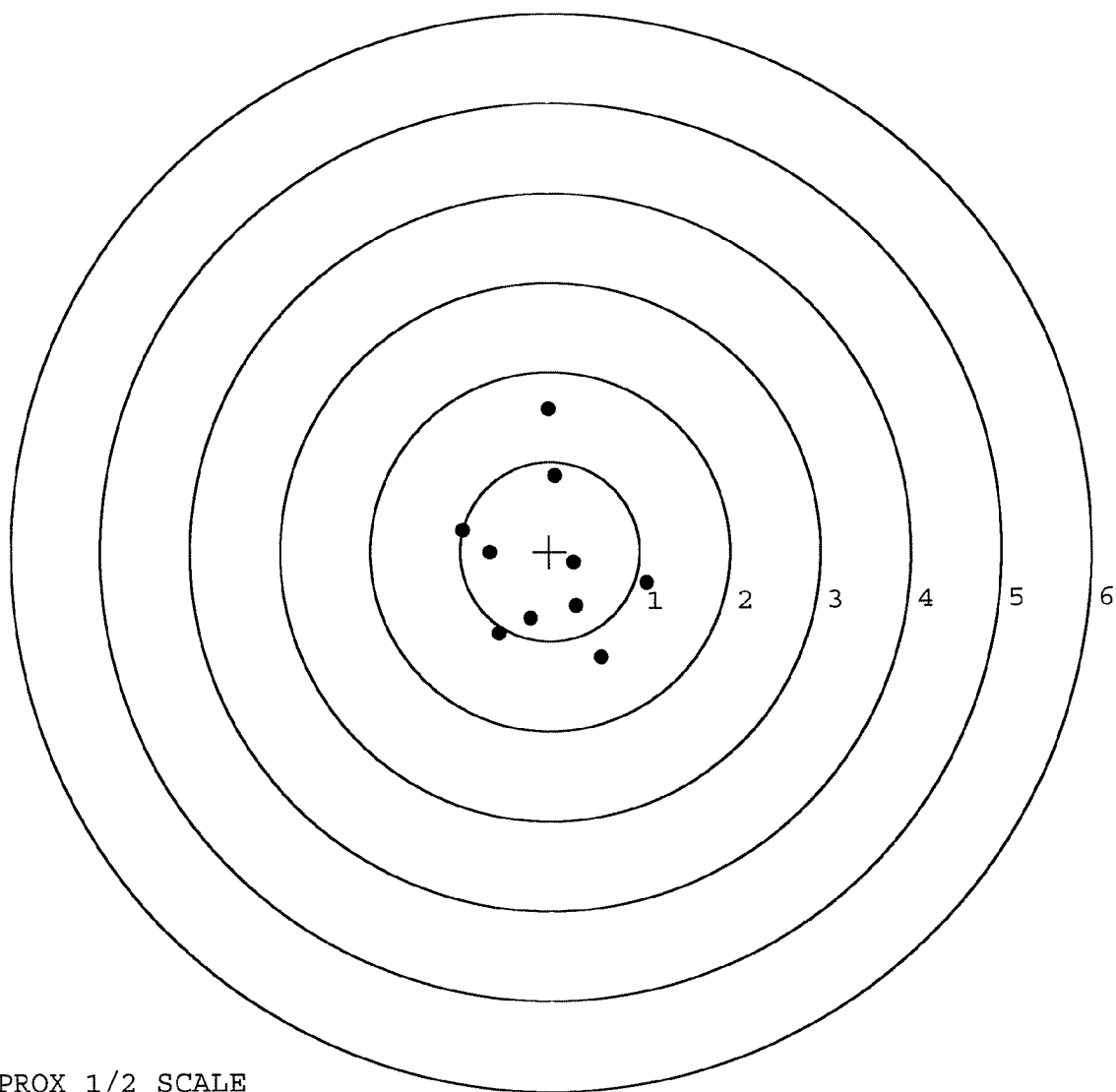


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349188. __0
TARGET NUMBER: 5
FILE DATE: 10/28/2003
FILE TIME: 18:58

X CENTROID: -0.017
Y CENTROID: -0.129
POA TO CENTROID: 0.130
HORZ SPREAD: 2.046
VERT SPREAD: 2.776
GROUP SPREAD: 2.837
MIN RADIUS: 0.282
MAX RADIUS: 1.713
MEAN RADIUS: 0.917
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.570	-1.192
2:	1.079	-0.355
3:	0.066	0.844
4:	-0.013	1.584
5:	-0.967	0.246
6:	-0.667	-0.009
7:	-0.569	-0.918
8:	-0.217	-0.749
9:	0.287	-0.612
10:	0.265	-0.125



TARGET APPROX 1/2 SCALE

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

SERIAL # C6349188

INSPECTED BY: RTL

DATE REC'D: 9-30-03

DATE RET'D: 10-29-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	070759		
SERIAL NUMBER	C6349188		
LOG-IN DATE	10-6-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-03	RW
560 A	RE-BARREL	10-8-03	RTL
B	DRILL AND TAP	10-10-03	TRW
575	ASSEMBLE	10-9-03	RTL
600	PROOF	10-9-03	K
605	CHECK HEADSPACE	10-9-03	AC
610	DIS-ASSEMBLE GUN	10-10-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	LS
618	ROTO-BLAST	10/13/2003	Dans.
620	APPLY COATINGS	10-15	TA
625 A	FINAL ASSEMBLY	10-24-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-28-03	RW
655	FINAL INSPECT	10-29-03	RTL
660	PACK	10-29-03	TA
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®]

MODEL 700™ **H24**

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

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6349188

ORDER NO.
5716

Ø1

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



5716 C6349188

UPC



0 47700 25716 7

RC50

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349/88

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	EW
607	Check Headspace	1 12	90	EW
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber	1-17-90		CS
617	Drill and Tap Sight Holes	1-19-90		EB
618	Polish Barrel	1-22-90		WB
620	Apply Coatings (Barrel Action)		1-28-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/6/90	RW
	C) Inspect Ejector Hole for Chamfer		2/6/90	RW
	D) Oil Firing Pin Ass'y		2/6/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-8-90	FW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-12-90	JH
	G) Safety Off Force	3	3	3			2-12-90	JH
	H) Trigger Pull Test & Retainability						2-8-90	JH
	I) Firing Pin Indent	.021	.021	.021			2-12-90	JH
	J) Assemble Stock						4/16/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/16/90	RW
	M) Iron Sight Alignment						4/16/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/16/90	RW
	O) Attach Scope to Rifle						4/17/90	WB
	P) Detach & Attach Scope 20 Times						4/17/90	WB
640	Gallery Target & Test						4-18-90	DH
	A) Time						4-18-90	DH
	B) Malfunctions						4-18-90	DH
	C) Pierced Primers						4-18-90	DH
	D) Optical Clarity of Scope						4-18-90	DH
645	Inspect for Live Ammo						4-18-90	DH
655	Final Inspection						4/26/90	WB
	A) Headspace							
	B) Trigger Pull	2.59	2.67	2.69	2.63	2.67	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6/19/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349188

DATE 4-16-90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.30	2.50	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.29	2.52	2.67	
PULL #3	2.46	2.30	2.40	2.69	
PULL #4	2.43	2.29	2.51	2.63	
PULL #5	2.42	2.29	2.52	2.67	
TOTAL	12.14	11.47	12.55		
AVG.	2.42	2.29	2.51		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.33		
PULL #2	3.33	3.29		
PULL #3	3.30	3.25		
PULL #4	3.30	3.36		
PULL #5	3.35	3.39		
TOTAL	16.63	16.62		
AVG.	3.32	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.37		4.20
PULL #2	4.32	4.31		4.14
PULL #3	4.17	4.35		4.12
PULL #4	4.29	4.46		4.35
PULL #5	4.19	4.42		4.22
TOTAL	21.23	21.91		21.03
AVG.	4.24	4.38		4.21

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349188
19 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.438658
1 TO	2	.25928
1 TO	3	.288555
1 TO	4	.168345
1 TO	5	.349314

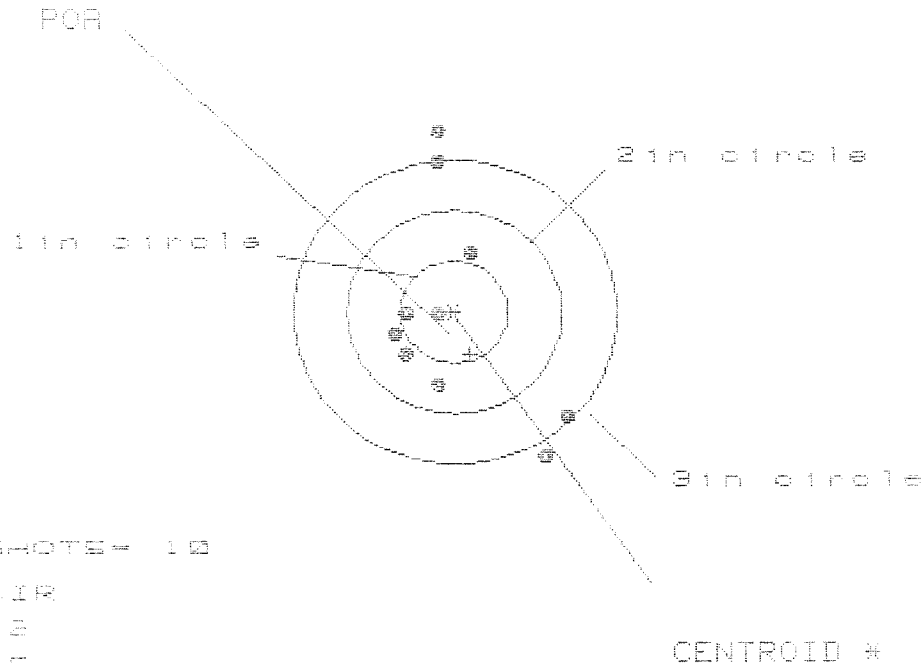
✓ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0376
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3446
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .346645
THE AMR FOR THIS RIFLE IS: .9012

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/063491B8

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

MEAN = 1.533

SE = 0.166

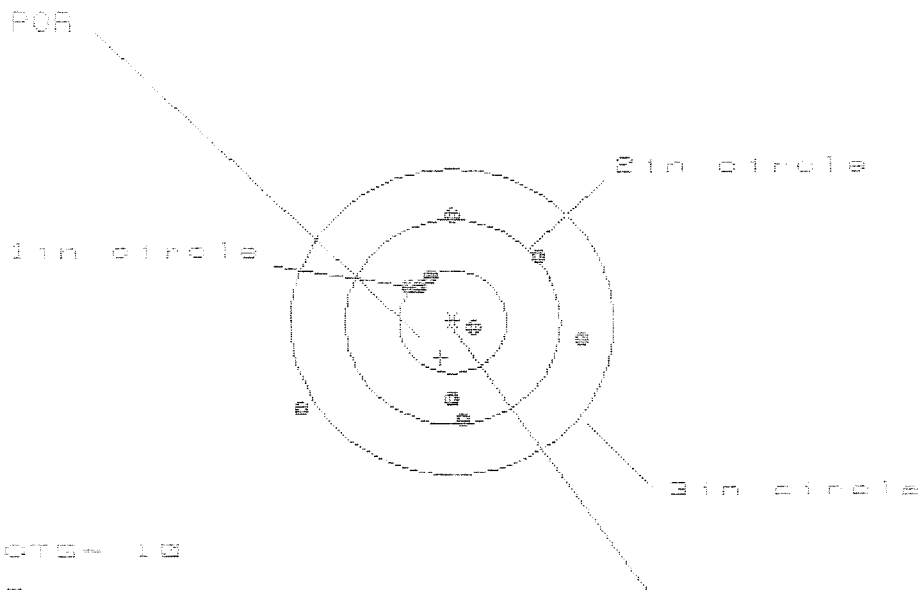
SE = 0.313

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.024	1.007	1.107
MINIMUM X	-1.509	-1.526	-1.426
MAXIMUM Y	1.788	1.648	1.501
MINIMUM Y	-1.378	-1.180	-1.930
CENTROID X	-1.145	-1.128	-1.228
CENTROID Y	.414	.216	.363
POA TO CENTROID in.	.439	.251	.429
MIN RADIUS	.169	.260	.093
MEAN RADIUS	.935	.826	.710
MAX RADIUS	1.795	1.653	1.501
HORIZONTAL SPREAD	1.533	1.533	1.533
VERTICAL SPREAD	3.166	2.828	2.431
EXTREME SPREAD	3.313	2.975	2.681
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/083491B8

CENTERFIRE PATTERNS # 2



* OF SHOTS- 10
 * IN C15
 C15 = 3
 C25 = 6
 C35 = 9
 ME= 2.605
 VE= 2.014
 GE= 2.697

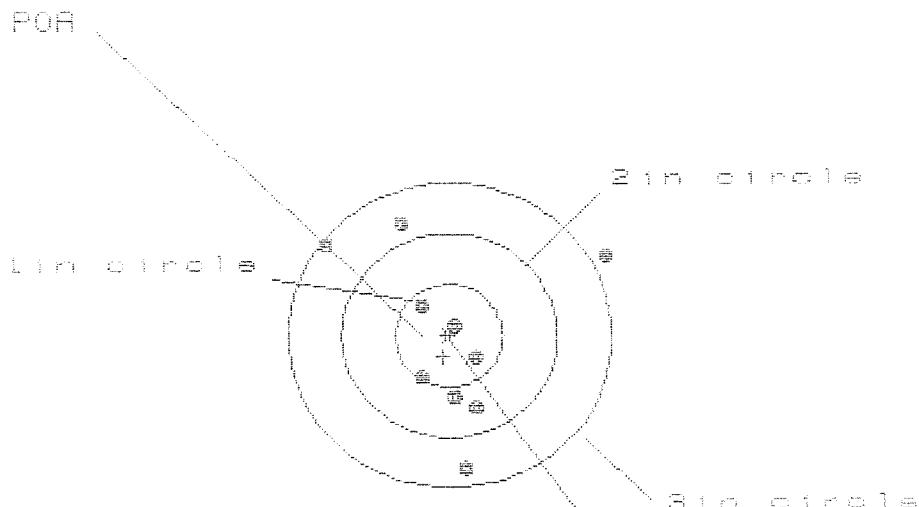
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.204	1.048	.749
MINIMUM X	-1.401	-.536	-.485
MAXIMUM Y	1.072	.972	.935
MINIMUM Y	-.942	-1.042	-1.079
CENTROID X	.106	.262	.131
CENTROID Y	.349	.449	.486
POR TO CENTROID IN.	.365	.520	.503
MIN RADIUS	.241	.196	.299
MEAN RADIUS	.837	.734	.666
MAX RADIUS	1.663	1.089	1.081
HORIZONTAL SPREAD	2.605	1.584	1.154
VERTICAL SPREAD	2.014	2.014	2.014
EXTREME SPREAD	2.697	2.017	2.017
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

15 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C83451B8

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HSR = 2.595

VS = 2.400

GS = 2.561

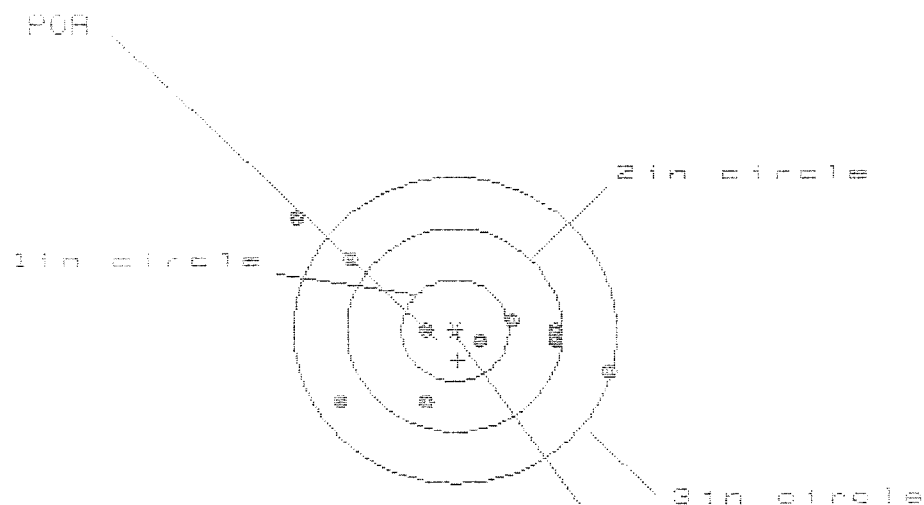
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.470	.398	.277
MINIMUM X	-1.125	-.962	-.422
MAXIMUM Y	1.075	1.158	1.283
MINIMUM Y	-1.325	-1.242	-1.117
CENTROID X	.055	-.169	.012
CENTROID Y	.206	.123	-.002
POR TO CENTROID (in.)	.213	.164	.012
MIN RADIUS	.116	.289	.279
MEAN RADIUS	.826	.734	.616
MAX RADIUS	1.648	1.388	1.351
HORIZONTAL SPREAD	2.595	1.368	.700
VERTICAL SPREAD	2.400	2.400	2.400
EXTREME SPREAD	2.601	2.563	2.469
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

15 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349188

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

MEAN = 2.893

VE = 1.836

CE = 3.256

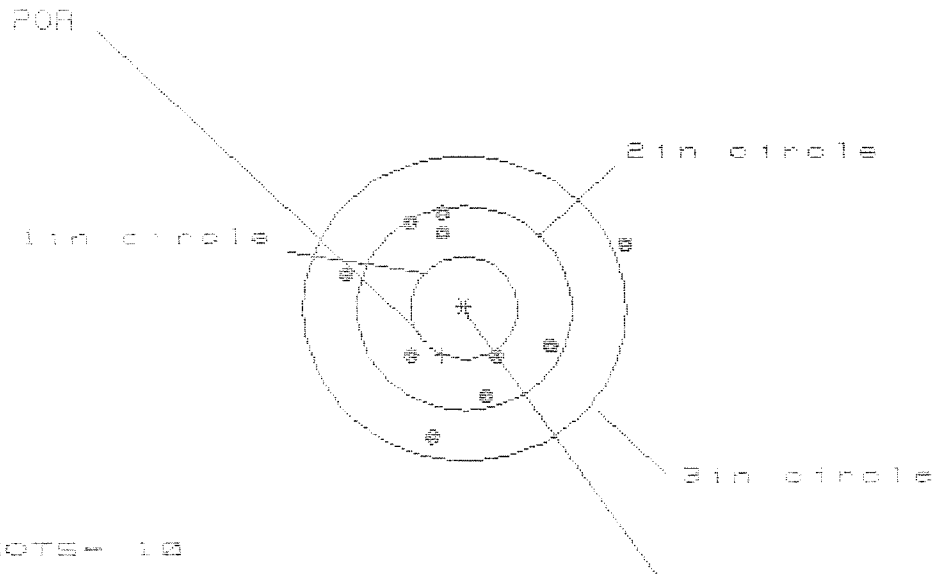
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.436	1.274	.925
MINIMUM X	:	-1.457	-1.183	-1.024
MAXIMUM Y	:	1.099	.796	.761
MINIMUM Y	:	-.737	-.615	-.649
CENTROID X	:	-.029	.133	-.026
CENTROID Y	:	.292	.170	.205
POA TO CENTROID in.	:	.294	.216	.206
MIN RADIUS	:	.192	.062	.181
MEAN RADIUS	:	.935	.804	.750
MAX RADIUS	:	1.825	1.382	1.233
HORIZONTAL SPREAD	:	2.893	2.457	1.949
VERTICAL SPREAD	:	1.836	1.411	1.411
EXTREME SPREAD	:	3.256	2.630	2.096
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

19 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8345188

CENTERFIRE PATTERNS # 5



OF SHOTS = 10
 # IN CIR
 1 in = 8
 2 in = 7
 3 in = 9
 HSI = 2.578
 VSI = 2.205
 GSI = 2.629

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.584	.969	.956
MINIMUM X	-1.067	-.899	-.912
MAXIMUM Y	.929	1.003	.852
MINIMUM Y	-1.276	-1.202	-.940
CENTROID X	.281	.034	.047
CENTROID Y	.462	.388	.539
POA TO CENTROID in.	.504	.390	.541
MIN RADIUS	.565	.511	.644
MEAN RADIUS	.973	.882	.833
MAX RADIUS	1.644	1.207	1.046
HORIZONTAL SPREAD	2.578	1.868	1.868
VERTICAL SPREAD	2.205	2.205	1.792
EXTREME SPREAD	2.629	2.205	1.978
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	