

C6611607

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00095952** Serial: C6611607 Model: M24 SWS Center Fire Caliber: 7.32 NATO Repairman: Status: Closed 4/18/2005 9:23:45 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: 705TH MILITARY POLICE BATT 705TH MILITARY POLICE BATT

Address 1: V CARTET / T TRACY V CARTET / T TRACY

Address 2: 801 BLUNTVILLE PO Box: 801 BLUNTVILLE PO Box:

City: FORT LEAVENWORTH FORT LEAVENWORTH

State: KS Zip Code: 66027 Country: US State: KS Zip Code: 66027 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: 913 758 5842

Fax:

Email: vince.carter@leavenworth.army.mil

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A009	Soft Case	1
A017	Scope Base	1
A026	Scope(night)	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

start 4/18/2005 9:42 AM CAPS NUM INS SCRL

start 4/18/2005 9:42 AM CAPS NUM INS SCRL

Serial Number: **C6611607**

Model: **M24 SWS**



RE00095952

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611607.___0
FILE DATE AND TIME: 05/10/2005 07:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.037
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.985
The Distance from POA to Centroid Target #1:	0.284
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.525
The Distance from Centroid Target #4 to Centroid Target #1:	0.502
The Distance from Centroid Target #5 to Centroid Target #1:	0.554

SERIAL NUMBER: C6611607. 0

TARGET NUMBER: 1

FILE DATE: 05/10/2005

FILE TIME: 07:12

X CENTROID: -0.214

Y CENTROID: -0.186

POA TO CENTROID: 0.284

HORZ SPREAD: 2.338

VERT SPREAD: 3.394

GROUP SPREAD: 3.691

MIN RADIUS: 0.557

MAX RADIUS: 2.117

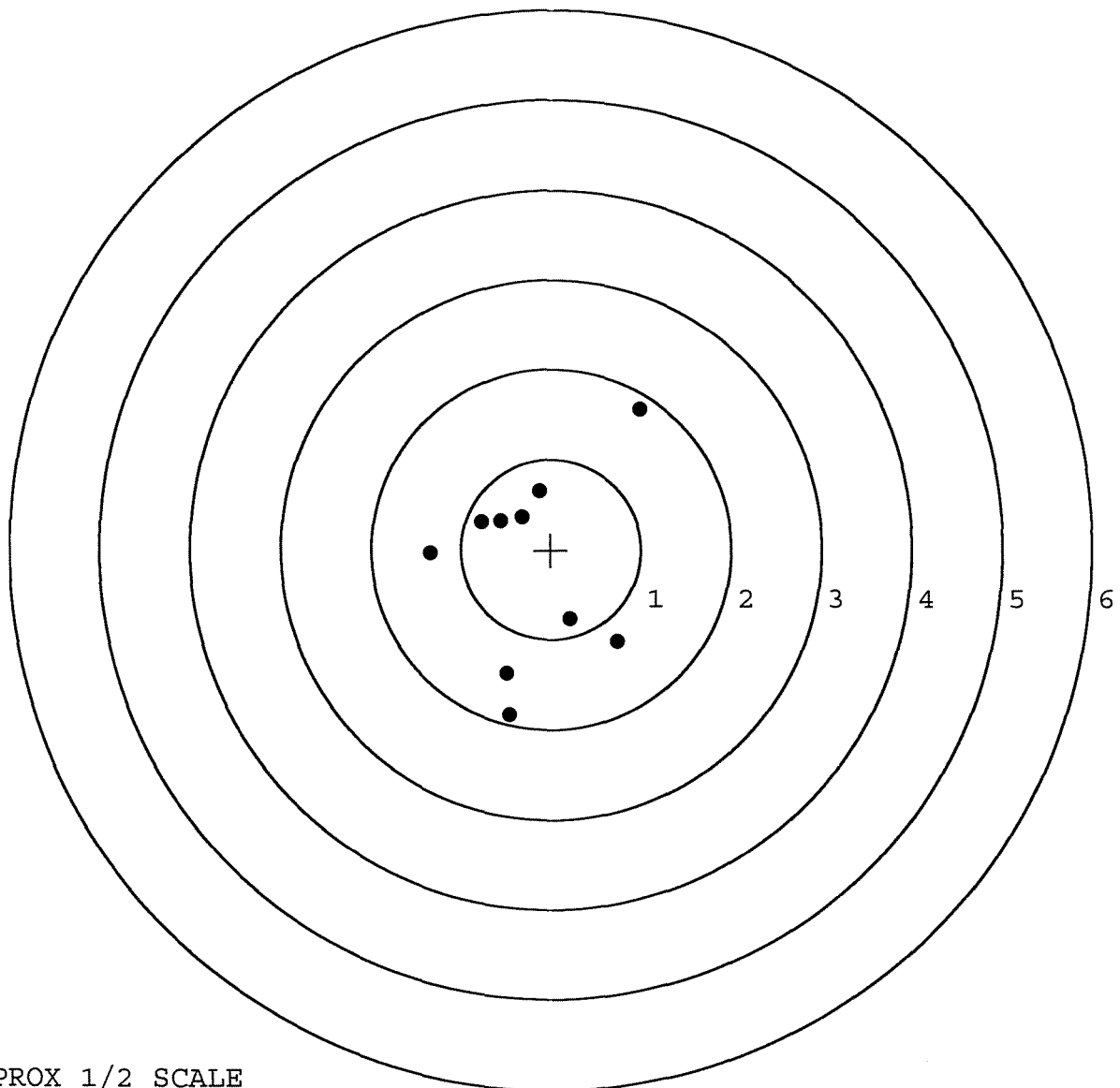
MEAN RADIUS: 1.093

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.735	-1.028
2:	0.219	-0.780
3:	-0.459	-1.841
4:	-0.488	-1.382
5:	0.992	1.553
6:	-0.133	0.652
7:	-0.321	0.360
8:	-0.566	0.326
9:	-0.777	0.313
10:	-1.346	-0.037



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611607. __0

TARGET NUMBER: 2

FILE DATE: 05/10/2005

FILE TIME: 07:12

X CENTROID: -0.134

Y CENTROID: -0.199

POA TO CENTROID: 0.240

HORZ SPREAD: 1.803

VERT SPREAD: 2.646

GROUP SPREAD: 2.717

MIN RADIUS: 0.305

MAX RADIUS: 1.706

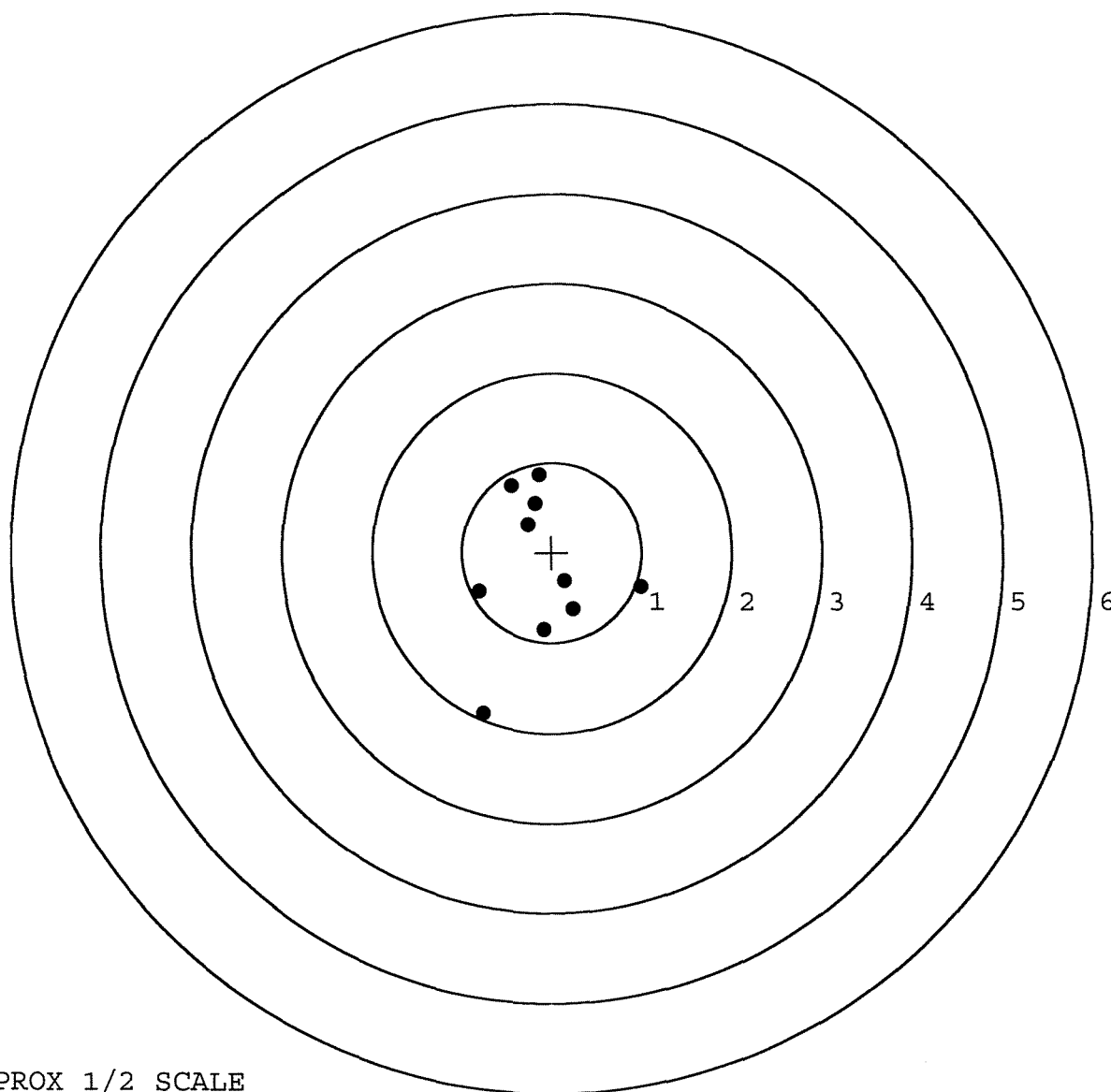
MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.993	-0.390
2:	-0.762	-1.785
3:	-0.810	-0.437
4:	-0.093	-0.866
5:	0.243	-0.637
6:	0.146	-0.320
7:	-0.271	0.307
8:	-0.452	0.735
9:	-0.143	0.861
10:	-0.192	0.541



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611607. 0

TARGET NUMBER: 3

FILE DATE: 05/10/2005

FILE TIME: 07:12

X CENTROID: 0.159

Y CENTROID: 0.182

POA TO CENTROID: 0.242

HORZ SPREAD: 2.820

VERT SPREAD: 3.191

GROUP SPREAD: 3.269

MIN RADIUS: 0.190

MAX RADIUS: 2.193

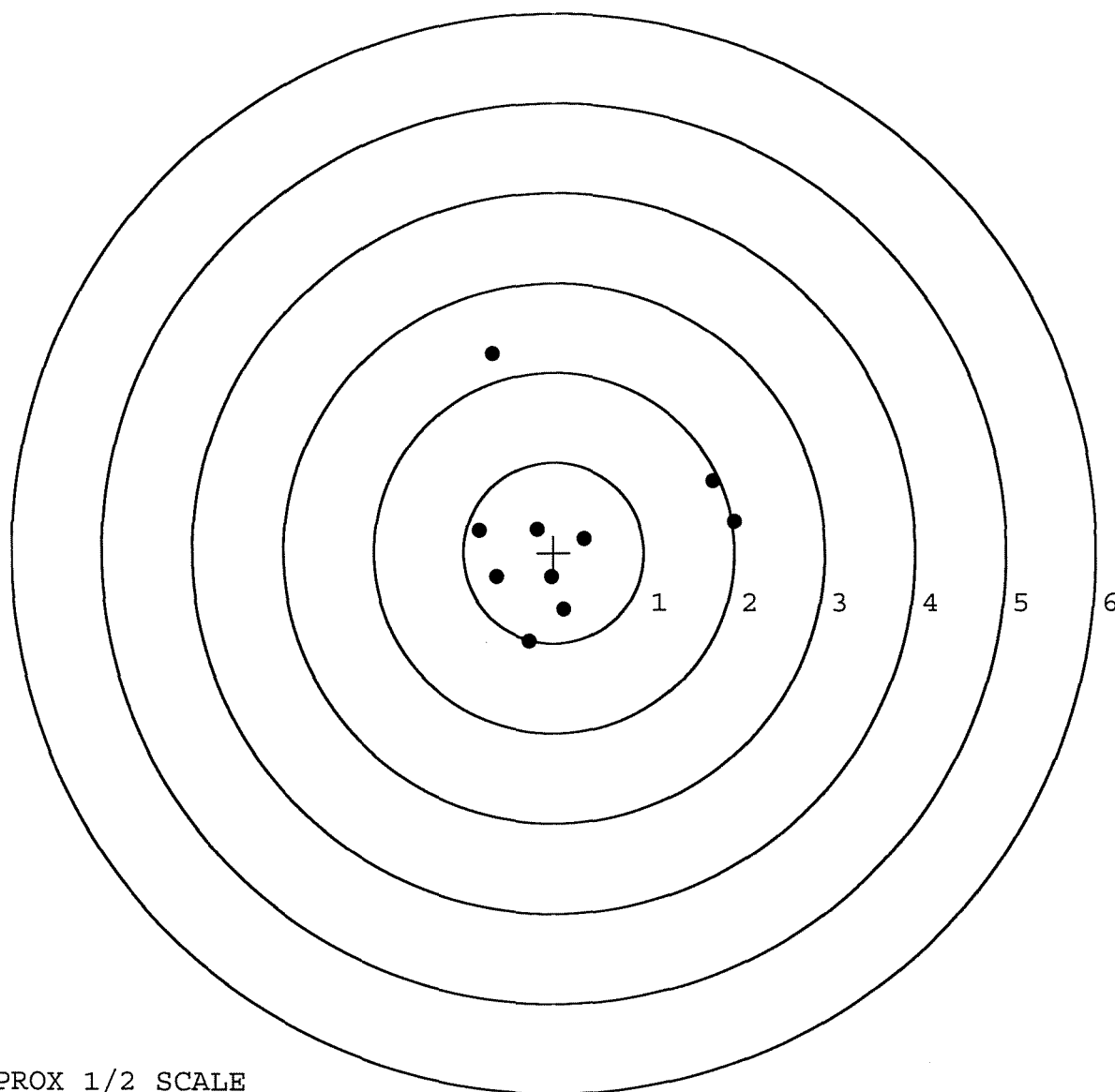
MEAN RADIUS: 1.075

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.996	0.337
2:	1.766	0.792
3:	0.346	0.152
4:	0.115	-0.632
5:	-0.028	-0.273
6:	-0.186	0.257
7:	-0.277	-0.985
8:	-0.634	-0.272
9:	-0.824	0.241
10:	-0.686	2.206



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611607. 0

TARGET NUMBER: 4

FILE DATE: 05/10/2005

FILE TIME: 07:12

X CENTROID: 0.278

Y CENTROID: -0.089

POA TO CENTROID: 0.292

HORZ SPREAD: 1.747

VERT SPREAD: 3.753

GROUP SPREAD: 3.816

MIN RADIUS: 0.052

MAX RADIUS: 2.286

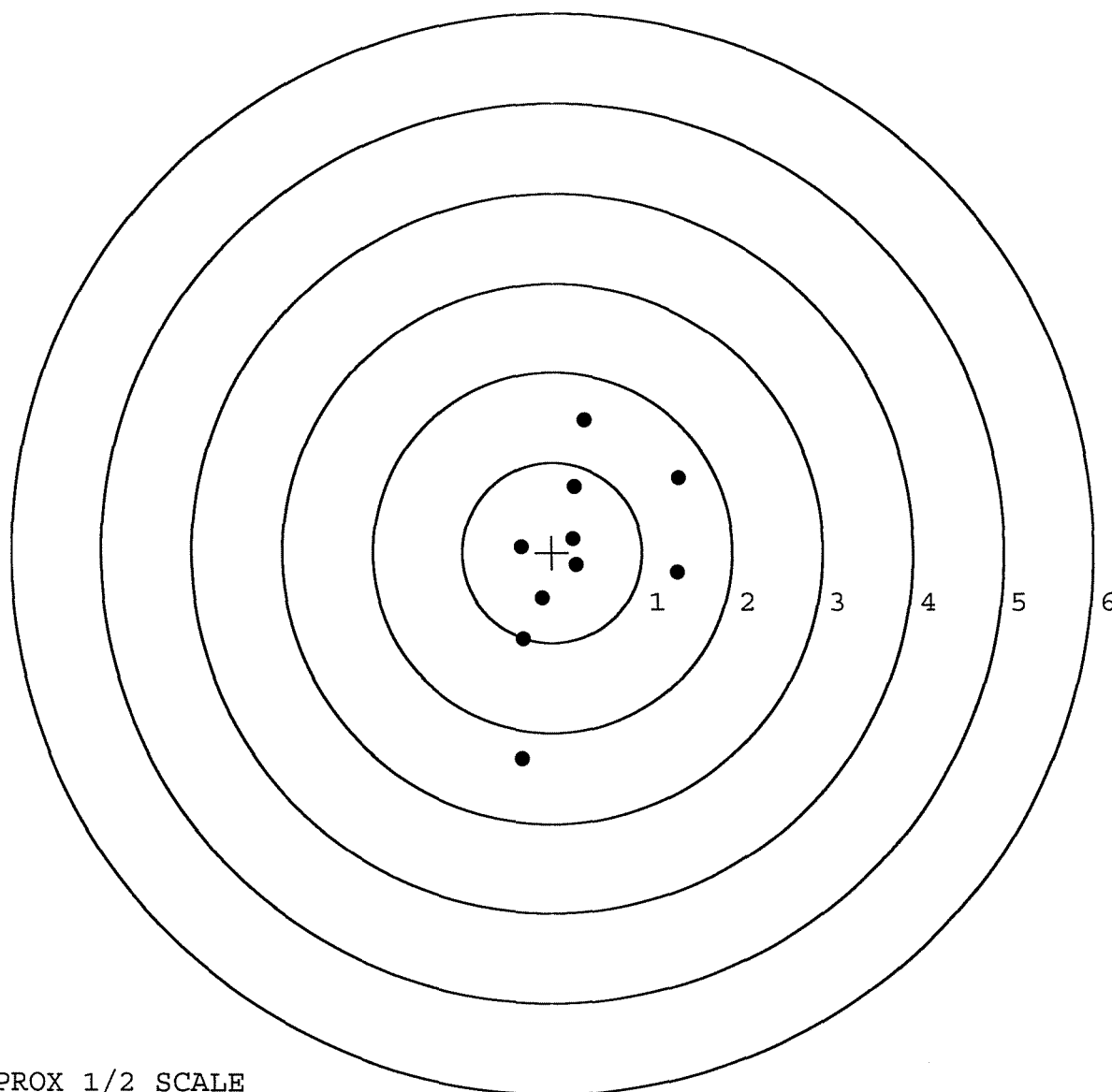
MEAN RADIUS: 0.980

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.389	-0.221
2:	1.401	0.827
3:	0.358	1.461
4:	0.247	0.730
5:	0.239	0.153
6:	0.269	-0.140
7:	-0.346	0.065
8:	-0.119	-0.511
9:	-0.323	-0.961
10:	-0.333	-2.292



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611607. 0

TARGET NUMBER: 5

FILE DATE: 05/10/2005

FILE TIME: 07:12

X CENTROID: -0.272

Y CENTROID: 0.365

POA TO CENTROID: 0.455

HORZ SPREAD: 2.442

VERT SPREAD: 2.005

GROUP SPREAD: 2.594

MIN RADIUS: 0.342

MAX RADIUS: 1.514

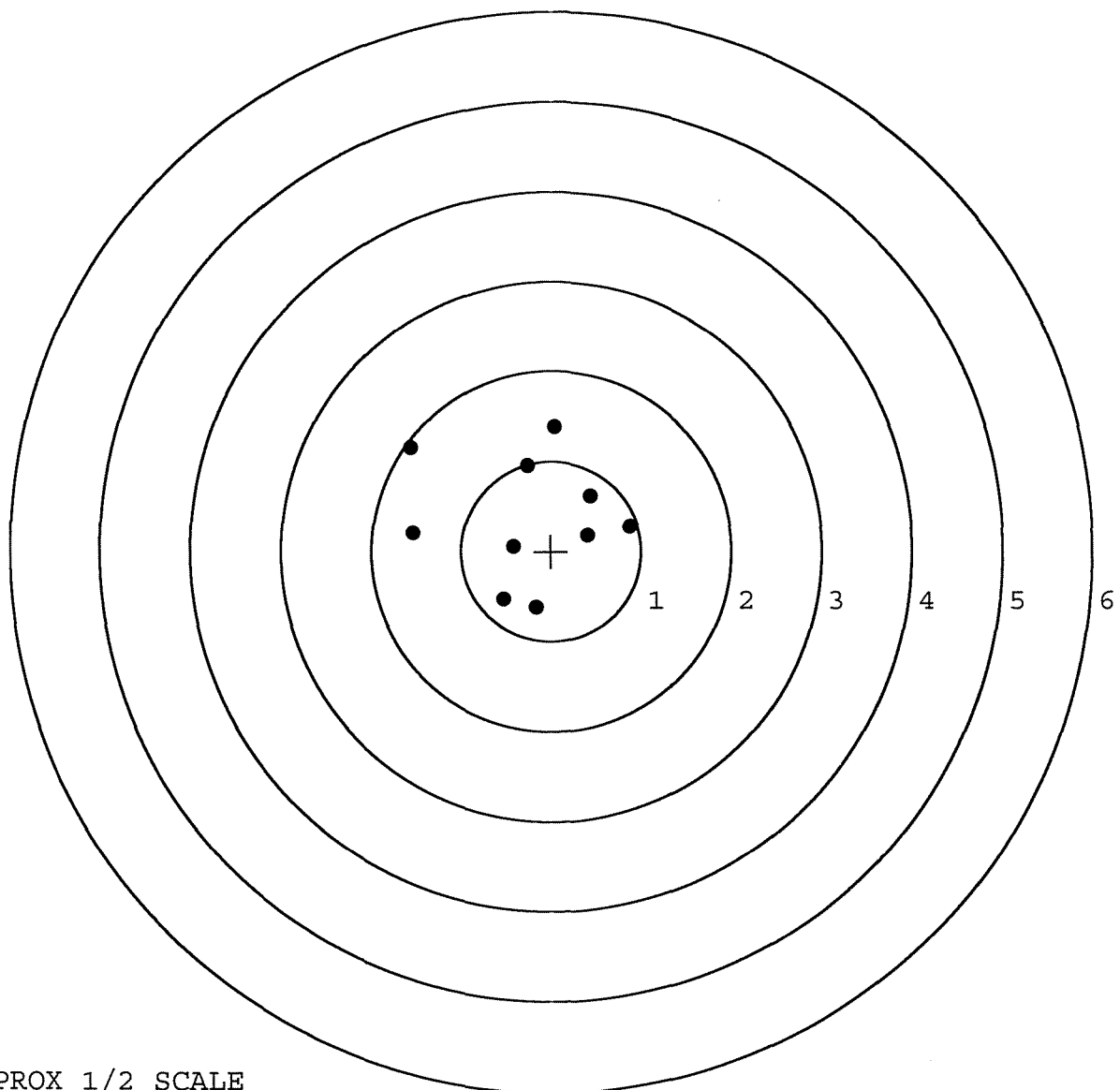
MEAN RADIUS: 0.932

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.876	0.276
2:	0.407	0.181
3:	0.437	0.617
4:	-0.170	-0.631
5:	-0.531	-0.534
6:	-0.415	0.054
7:	-0.263	0.950
8:	0.046	1.374
9:	-1.540	0.210
10:	-1.566	1.150



TARGET APPROX 1/2 SCALE

AVERAGE BARBER M24 00795534
 INITIAL & CYCLE TESTS
 2.50 LBS (plus or minus 0.50 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

DATE 4-15-05
 TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.43	2.46		2.58	
PULL #2	2.31	2.60		2.52	
PULL #3	2.38	2.57		2.33	
PULL #4	2.47	2.45		2.49	
PULL #5	2.35	2.60		2.52	
TOTAL	11.94	12.68		12.44	
AVERAGE	2.38	2.53		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.09		
PULL #2	3.42	3.24		
PULL #3	3.40	3.23		
PULL #4	3.38	3.32		
PULL #5	3.36	3.27		
TOTAL	16.96	16.15		
AVERAGE	3.39	3.23		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.40	4.18		4.43
PULL #2	4.25	4.03		4.15
PULL #3	4.11	4.08		4.12
PULL #4	4.23	4.12		4.18
PULL #5	4.19	4.11		4.22
TOTAL	21.18	20.52		21.10
AVERAGE	4.23	4.10		4.22

R & E NUMBER	95952		
SERIAL NUMBER	C6621607		
LOG-IN DATE	4-18-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-18-05	RR
560 A	RE-BARREL		
B	DRILL AND TAP	4-20-05	TRW
575	ASSEMBLE		
600	PROOF	4-19-05	- - AC
605	CHECK HEADSPACE	4-19-05	A
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	OPERATOR BS	
615	ROLLMARK CALIBER	4-21-05	CW
618	ROTO-BLAST	4-21-05	LB
620	APPLY COATINGS	5-6-05	wr
625 A	FINAL ASSEMBLY	5-9-05	RTZ
B	TRIGGER PULL TEST	5-10-05	TRW
C	SAFETY "ON" FORCE	5-10-05	AC
D	SAFETY "OFF" FORCE	5-10-05	AC
E	FIRING PIN INDENT	5-10-05	AC
640	TARGET	5-10-05	TRW
655	FINAL INSPECT	5-10-05	AC
660	PACK	5-10-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSB Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00050963** Serial: C6611607 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 8/20/02 7:22:16 AM

Verify Repair

Address Information

Customer Received From Return To Received From

Name: JIM BENEDIK JIM BENEDIK

Address 1: DOIM MAIL DIST DOIM MAIL DIST

Address 2: 881 MCLELLAN AVE PO Box: 881 MCLELLAN AVE PO Box:

City: FORT LEAVENWORTH FORT LEAVENWORTH

State: KS Zip Code: 66027 Country: US State: KS Zip Code: 66027 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: 913-684-7176

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSB Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	1
A026	Scope	1
A045	Bi Pod	1
X	FRT & REAR SGT BA	2
XX	SCOPE CASE	1
XXX	DEPLOYMENT CASE	1

Repair Search Refresh Close

maglev 8/20/02 8:29 AM CAPS NUM INS SCFL

Start Inbox - Microsoft Outlook Calendar - Microsoft Outlook Arms Services Repair 8:29 AM

Serial Number: **C6611607**

Model: **700**



RE00050963

R & E NUMBER			
SERIAL NUMBER	06611607		
LOG-IN DATE	8/20/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE NEW PART	8/20/02	RL
600	PROOF	8-20-02	AC
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	8-20-02	AC
655	FINAL INSPECT	8/20/02	RL
660	PACK	8/20/02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6611607	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		46	



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611607

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/24/91	KL
600	Proof		3/26/91	KL
607	Check Headspace		3/24/91	KL
610	Dis-assemble Gun		3/26/91	KL
612	Magnaflux Barrel Action	APR 2 1991		KR
	Magnaflux Bolt	APR 2 1991		CR
615	Rollmark Caliber	APR 2 1991		GS
617	Drill and Tap Sight Holes	APR 5 1991		LB
618	Polish Barrel	APR 5 1991		WB
620	Apply Coatings (Barrel Action)		4/10/91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/15/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/15/91	JK
	G) Safety Off Force	3	3	3			4/15/91	JK
	H) Trigger Pull Test & Retainability						4/15/91	JK
	I) Firing Pin Indent	.0215	.021	.021			4/15/91	JK
	J) Assemble Stock						4/18/91	KS
	K) Assemble Swivel Studs						4-22-91	DH
	L) Attach Front and Rear Sight Assemblies						4/18/91	KS
	M) Iron Sight Alignment						4/18/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/18/91	KS
	O) Attach Scope to Rifle						4/18/91	KS
	P) Detach & Attach Scope 20 Times						4/18/91	KS
640	Gallery Target & Test						4/19/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						4/19/91	KJ
655	Final Inspection							
	A) Headspace						4-22-91	DH
	B) Trigger Pull	2.54	2.48	2.60	2.59	2.42	4/22/91	JK
	C) Function						4-22-91	DH
660	Pack						6-18-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6611607DATE 4/15/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.39	2.27	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.45	2.38	2.48	
PULL #3	2.41	2.35	2.42	2.60	
PULL #4	2.30	2.37	2.45	2.59	
PULL #5	2.38	2.27	2.33	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.49		
PULL #2	3.40	3.46		
PULL #3	3.36	3.41		
PULL #4	3.42	3.40		
PULL #5	3.19	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.41		4.46
PULL #2	4.44	4.41		4.42
PULL #3	4.43	4.43		4.48
PULL #4	4.46	4.42		4.36
PULL #5	4.42	4.49		4.44
TOTAL				
AVG.				

7-2-18

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611607
19 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.293027
1 TO	2	.251794
1 TO	3	.516887
1 TO	4	.286024
1 TO	5	.568347

143 <----POA
5

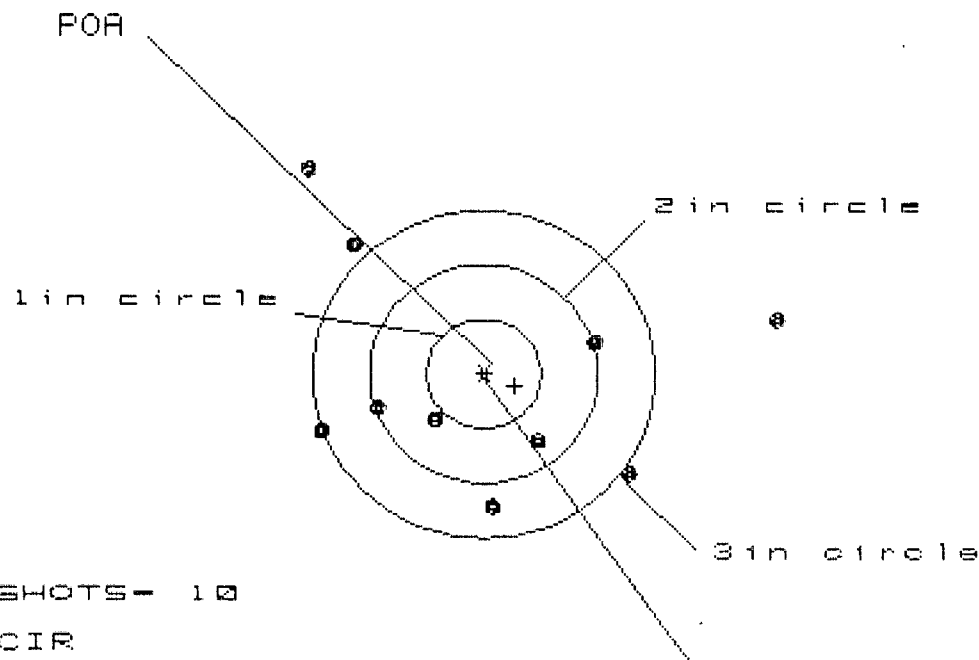
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0748
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1046
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .128593
THE AMR FOR THIS RIFLE IS: 1.147

19 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611687

CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS = 4.0004

VS = 3.128

GS = 4.326

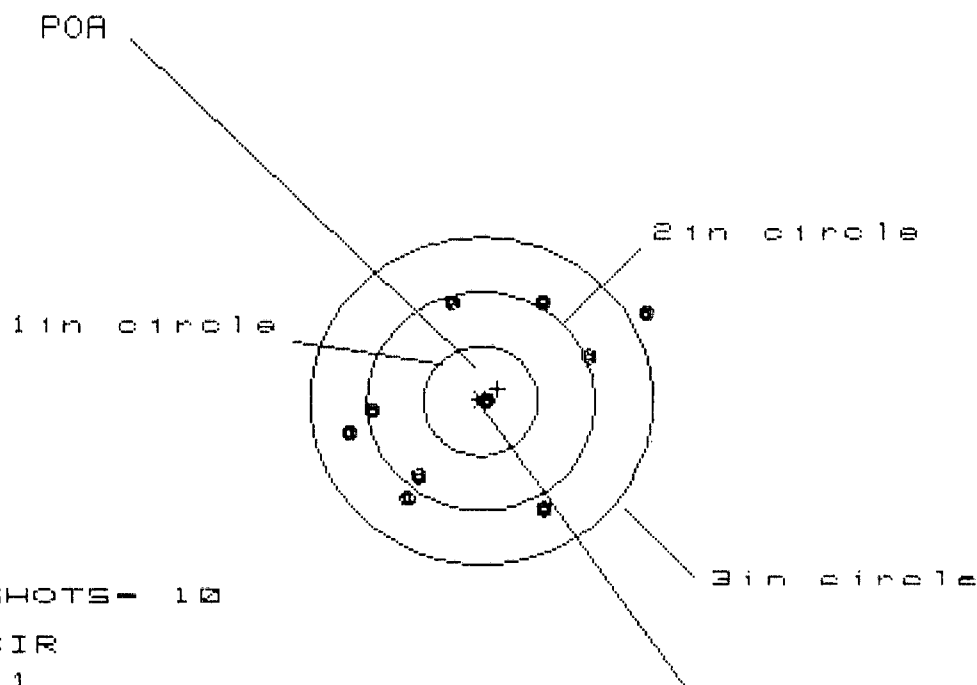
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.554	1.542	1.386
MINIMUM X	-1.530	-1.246	-1.249
MAXIMUM Y	1.939	1.996	1.539
MINIMUM Y	-1.189	-1.132	-.882
CENTROID X	-.272	-.556	-.400
CENTROID Y	.109	.052	-.198
POA TO CENTROID in.	.293	.559	.447
MIN RADIUS	.596	.385	.320
MEAN RADIUS	1.428	1.256	1.064
MAX RADIUS	2.605	2.353	1.830
HORIZONTAL SPREAD	4.084	2.788	2.636
VERTICAL SPREAD	3.128	3.128	2.421
EXTREME SPREAD	4.326	3.987	3.200
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

19 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611687

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.527

VS= 1.865

GS= 2.756

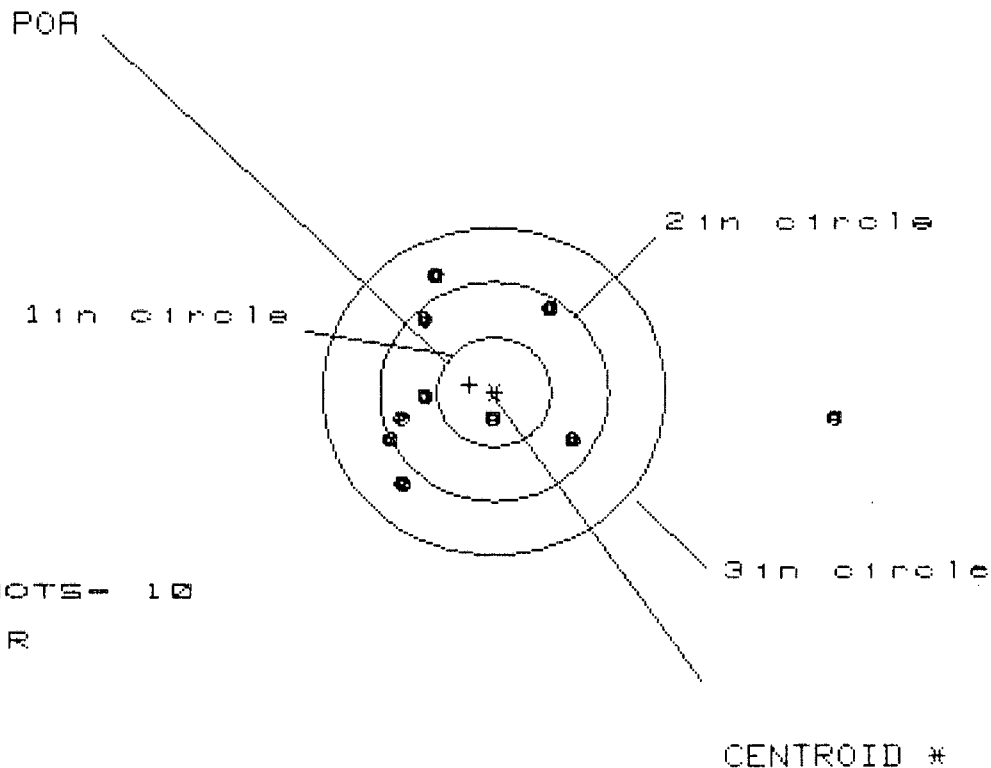
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.100	.980
MINIMUM X	:	-1.122	-.966	-.887
MAXIMUM Y	:	.912	1.003	.978
MINIMUM Y	:	-.953	-.862	-.887
CENTROID X	:	-.146	-.302	-.182
CENTROID Y	:	-.109	-.200	-.175
POA TO CENTROID in.	:	.183	.362	.252
MIN RADIUS	:	.024	.201	.088
MEAN RADIUS	:	.983	.905	.885
MAX RADIUS	:	1.623	1.213	1.128
HORIZONTAL SPREAD	:	2.527	2.066	1.867
VERTICAL SPREAD	:	1.865	1.865	1.865
EXTREME SPREAD	:	2.756	2.208	2.208
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

19 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611687

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 3.830

VS= 1.819

GS= 3.836

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.944	1.044	1.022
MINIMUM X	:	-.886	-.559	-.581
MAXIMUM Y	:	1.025	.997	.886
MINIMUM Y	:	-.794	-.822	-.698
CENTROID X	:	.214	-.113	-.091
CENTROID Y	:	-.067	-.039	-.163
POA TO CENTROID in.	:	.224	.120	.187
MIN RADIUS	:	.216	.250	.287
MEAN RADIUS	:	1.053	.765	.722
MAX RADIUS	:	2.955	1.154	1.193
HORIZONTAL SPREAD	:	3.830	1.603	1.603
VERTICAL SPREAD	:	1.819	1.819	1.584
EXTREME SPREAD	:	3.836	2.041	2.041
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

19 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611607

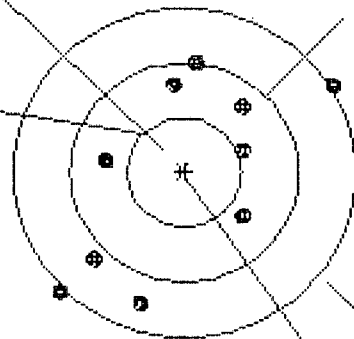
CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.389

VS = 2.217

GS = 3.046

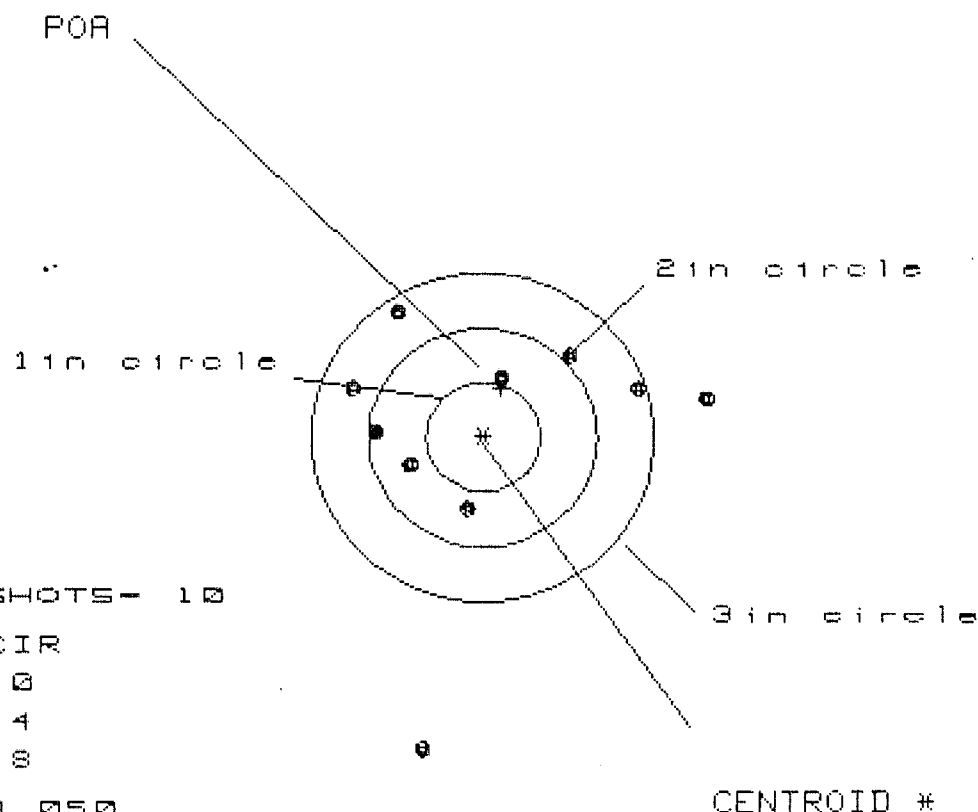
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.302	1.181	.562
MINIMUM X	:	-1.087	-.861	-.714
MAXIMUM Y	:	1.017	.892	.972
MINIMUM Y	:	-1.200	-1.325	-1.245
CENTROID X	:	-.011	.109	-.038
CENTROID Y	:	-.008	.117	.037
POA TO CENTROID in.	:	.014	.160	.053
MIN RADIUS	:	.584	.428	.592
MEAN RADIUS	:	.935	.902	.856
MAX RADIUS	:	1.565	1.429	1.304
HORIZONTAL SPREAD	:	2.389	2.042	1.276
VERTICAL SPREAD	:	2.217	2.217	2.217
EXTREME SPREAD	:	3.046	2.607	2.276
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.947	1.884	1.545
MINIMUM X	:	-1.103	-1.166	-.931
MAXIMUM Y	:	1.164	.850	.858
MINIMUM Y	:	-2.824	-.930	-.922
CENTROID X	:	-.159	-.096	-.331
CENTROID Y	:	-.448	-.134	-.142
POA TO CENTROID in.	:	.475	.165	.360
MIN RADIUS	:	.540	.222	.379
MEAN RADIUS	:	1.277	1.057	.927
MAX RADIUS	:	2.881	1.885	1.550
HORIZONTAL SPREAD	:	3.050	3.050	2.476
VERTICAL SPREAD	:	3.988	1.780	1.780
EXTREME SPREAD	:	4.068	3.050	2.476
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	