

06523530

MODEL 700TM N24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Sneak[®]

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: **RE00108241** Serial: C6523530 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/13/2006 7:09:03 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: HHC1/509TH IN ABW HHC1/509TH IN ABW

Address 1: BLDG 2041 SUITE 101 BLDG 2041 SUITE 101

Address 2: PO Box: PO Box:

City: FORT POLK FORT POLK

State: LA Zip Code: 71459 Country: US State: LA Zip Code: 71459 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 2/13/2006 8:12 AM CAPS NUM INS SCRL

start Inbox - Microsoft... Fw: Status - Mes... M24s Ft Polk, 2 E... Arms Services R... 8:12 AM

Serial Number: **C6523530**

Model: **M24 SWS**



RE00108241

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523530.___0

FILE DATE AND TIME: 02/27/2006 07:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.075
The Average Y Centroid of the Five Target Set:	0.086
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.939
The Distance from POA to Centroid Target #1:	0.016
The Distance from Centroid Target #2 to Centroid Target #1:	0.475
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.306
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

SERIAL NUMBER: C6523530. 0

TARGET NUMBER: 1

FILE DATE: 02/27/2006

FILE TIME: 07:24

X CENTROID: 0.008

Y CENTROID: 0.013

POA TO CENTROID: 0.016

HORZ SPREAD: 2.168

VERT SPREAD: 1.939

GROUP SPREAD: 2.782

MIN RADIUS: 0.382

MAX RADIUS: 1.636

MEAN RADIUS: 0.888

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
--------	---	---

1:	1.259	-1.042
----	-------	--------

2:	0.280	-1.126
----	-------	--------

3:	0.487	-0.247
----	-------	--------

4:	0.320	-0.207
----	-------	--------

5:	0.808	0.558
----	-------	-------

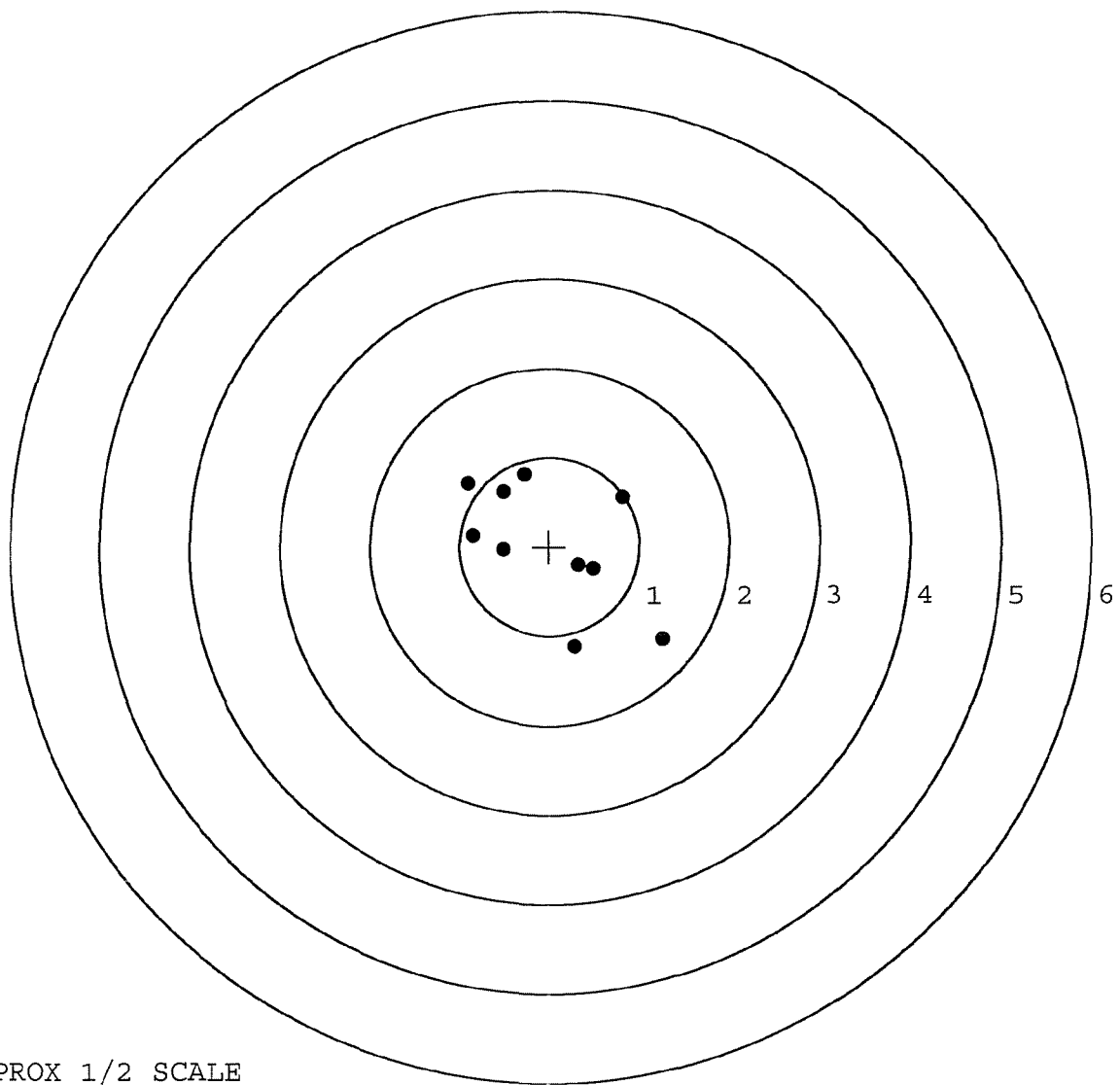
6:	-0.283	0.813
----	--------	-------

7:	-0.514	0.607
----	--------	-------

8:	-0.909	0.701
----	--------	-------

9:	-0.854	0.118
----	--------	-------

10:	-0.511	-0.043
-----	--------	--------



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523530. __0

TARGET NUMBER: 2

FILE DATE: 02/27/2006

FILE TIME: 07:24

X CENTROID: -0.056

Y CENTROID: 0.483

POA TO CENTROID: 0.487

HORZ SPREAD: 1.599

VERT SPREAD: 4.110

GROUP SPREAD: 4.223

MIN RADIUS: 0.175

MAX RADIUS: 2.500

MEAN RADIUS: 1.089

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
--------	---	---

1:	0.222	-1.225
----	-------	--------

2:	-0.127	-0.792
----	--------	--------

3:	-0.269	-0.450
----	--------	--------

4:	0.849	0.111
----	-------	-------

5:	0.469	0.295
----	-------	-------

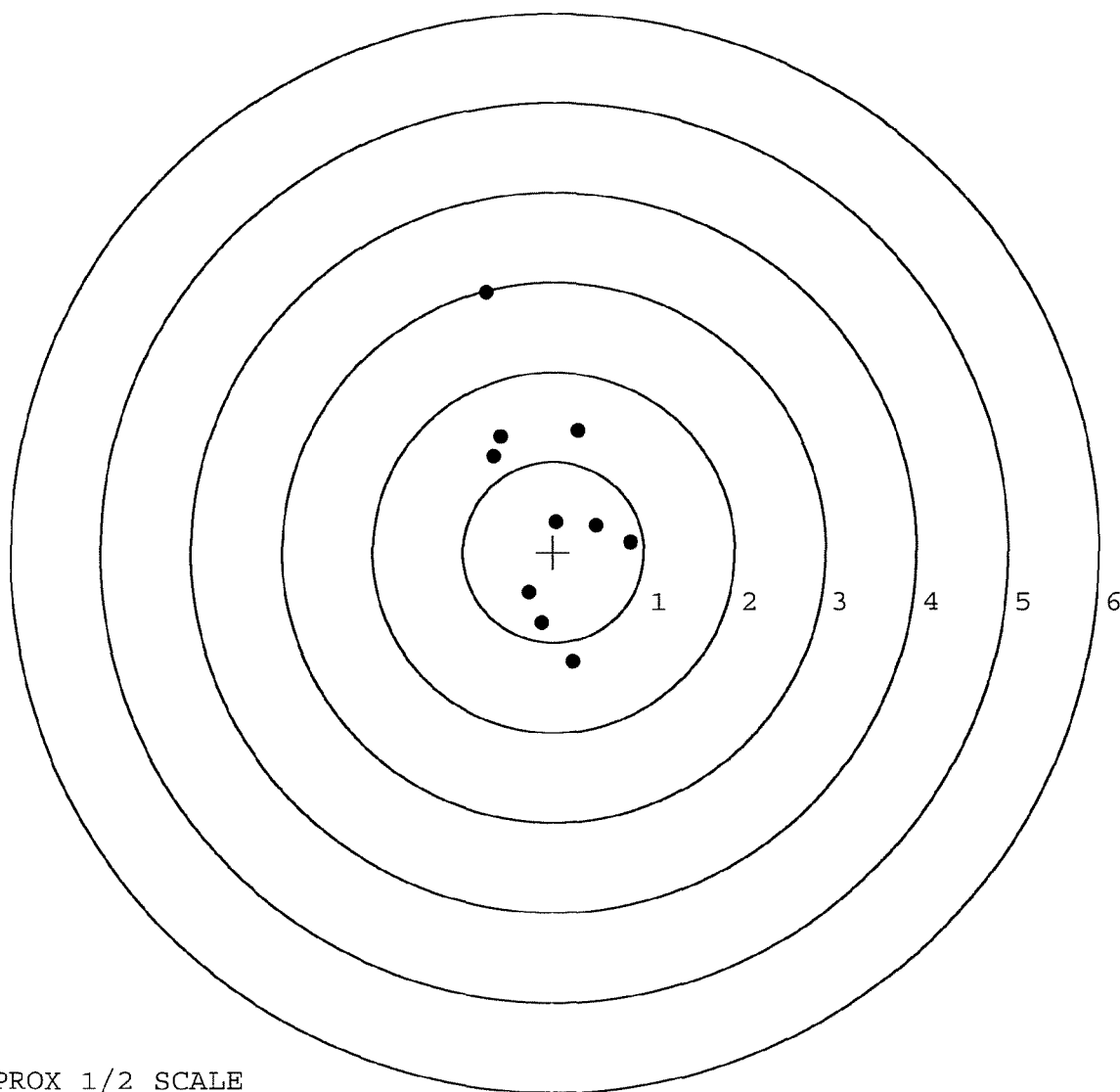
6:	0.028	0.330
----	-------	-------

7:	-0.666	1.058
----	--------	-------

8:	-0.589	1.275
----	--------	-------

9:	0.273	1.347
----	-------	-------

10:	-0.750	2.885
-----	--------	-------



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523530. 0

TARGET NUMBER: 3

FILE DATE: 02/27/2006

FILE TIME: 07:24

POINT#	X	Y
--------	---	---

1:	0.188	-0.903
----	-------	--------

2:	0.599	-0.336
----	-------	--------

3:	0.855	0.102
----	-------	-------

4:	0.802	0.298
----	-------	-------

5:	0.223	0.272
----	-------	-------

6:	-0.276	0.442
----	--------	-------

7:	-0.473	0.434
----	--------	-------

8:	-0.923	0.196
----	--------	-------

9:	-0.845	0.911
----	--------	-------

10:	-1.763	-1.388
-----	--------	--------

X CENTROID: -0.161

Y CENTROID: 0.003

POA TO CENTROID: 0.161

HORZ SPREAD: 2.618

VERT SPREAD: 2.299

GROUP SPREAD: 3.069

MIN RADIUS: 0.454

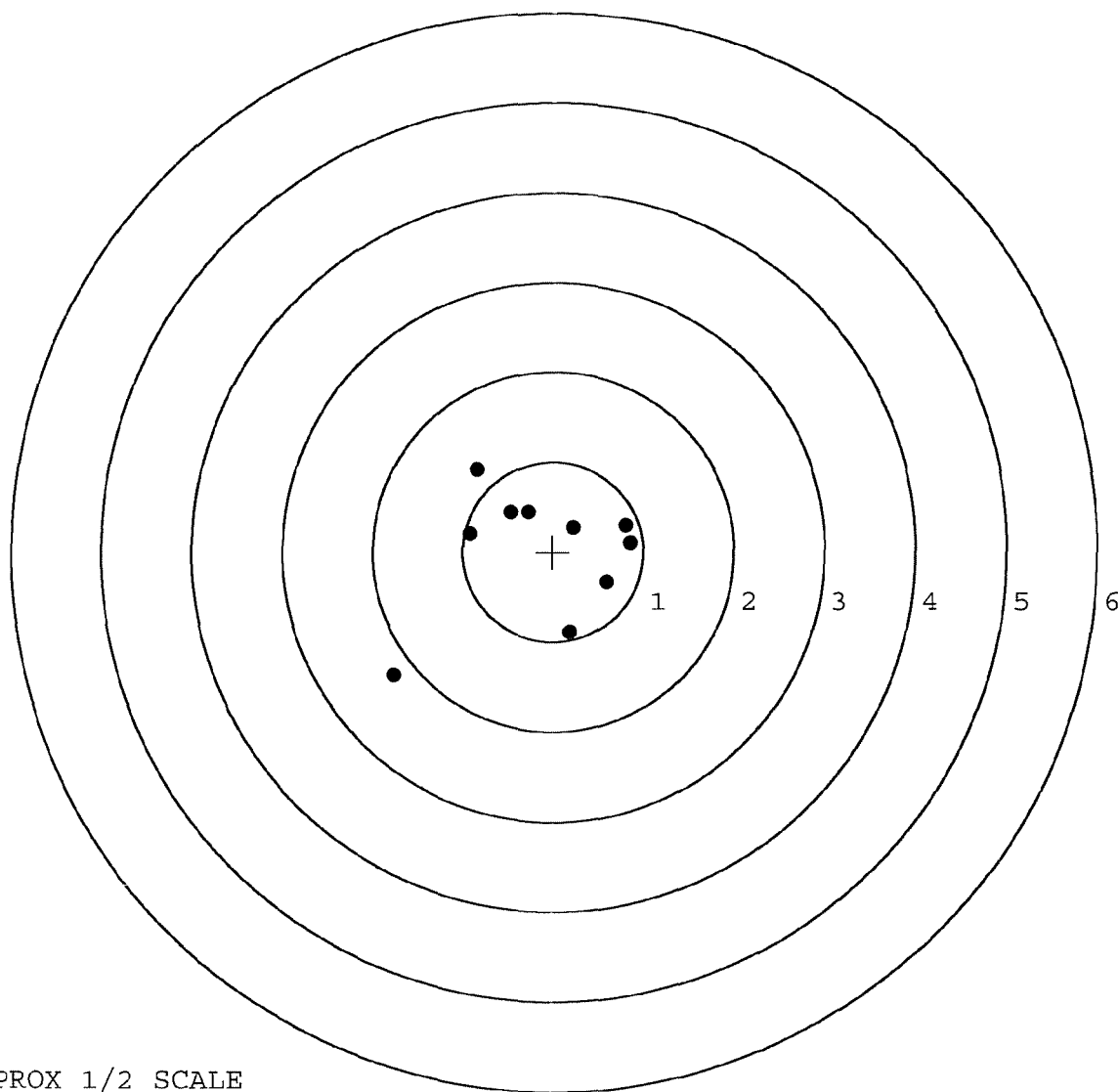
MAX RADIUS: 2.121

MEAN RADIUS: 0.933

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523530. 0

TARGET NUMBER: 4

FILE DATE: 02/27/2006

FILE TIME: 07:24

POINT#	X	Y
--------	---	---

1:	1.062	-1.038
----	-------	--------

2:	0.770	-0.016
----	-------	--------

3:	0.226	1.116
----	-------	-------

4:	-0.443	0.352
----	--------	-------

5:	-0.016	-0.044
----	--------	--------

6:	-0.124	-0.903
----	--------	--------

7:	-0.427	-0.561
----	--------	--------

8:	-0.445	-0.380
----	--------	--------

9:	-0.582	-0.222
----	--------	--------

10:	-1.441	-0.833
-----	--------	--------

X CENTROID: -0.142

Y CENTROID: -0.253

POA TO CENTROID: 0.290

HORZ SPREAD: 2.503

VERT SPREAD: 2.154

GROUP SPREAD: 2.511

MIN RADIUS: 0.244

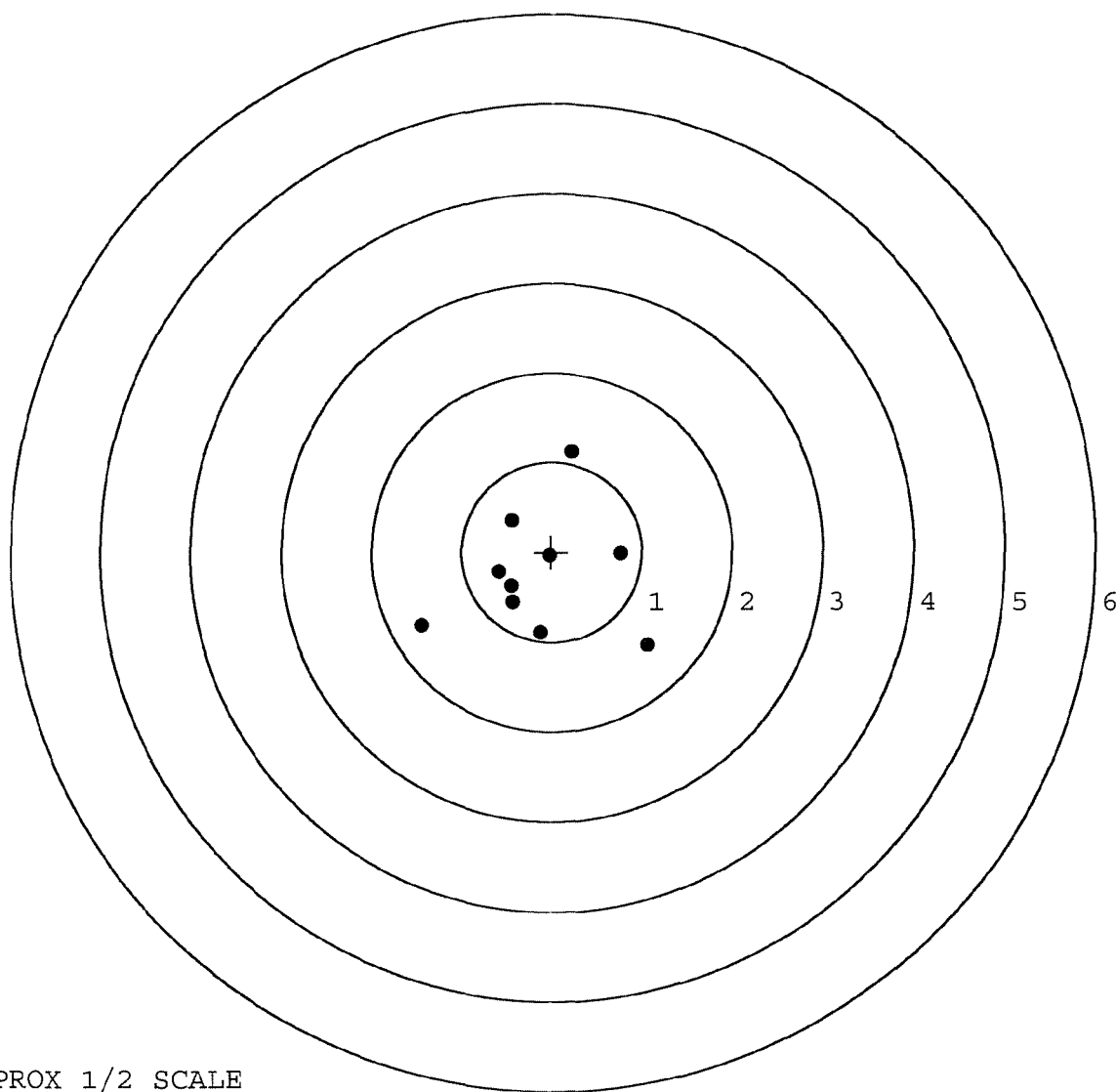
MAX RADIUS: 1.437

MEAN RADIUS: 0.798

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523530. __0

TARGET NUMBER: 5

FILE DATE: 02/27/2006

FILE TIME: 07:24

X CENTROID: -0.023

Y CENTROID: 0.184

POA TO CENTROID: 0.186

HORZ SPREAD: 2.432

VERT SPREAD: 3.127

GROUP SPREAD: 3.147

MIN RADIUS: 0.252

MAX RADIUS: 2.261

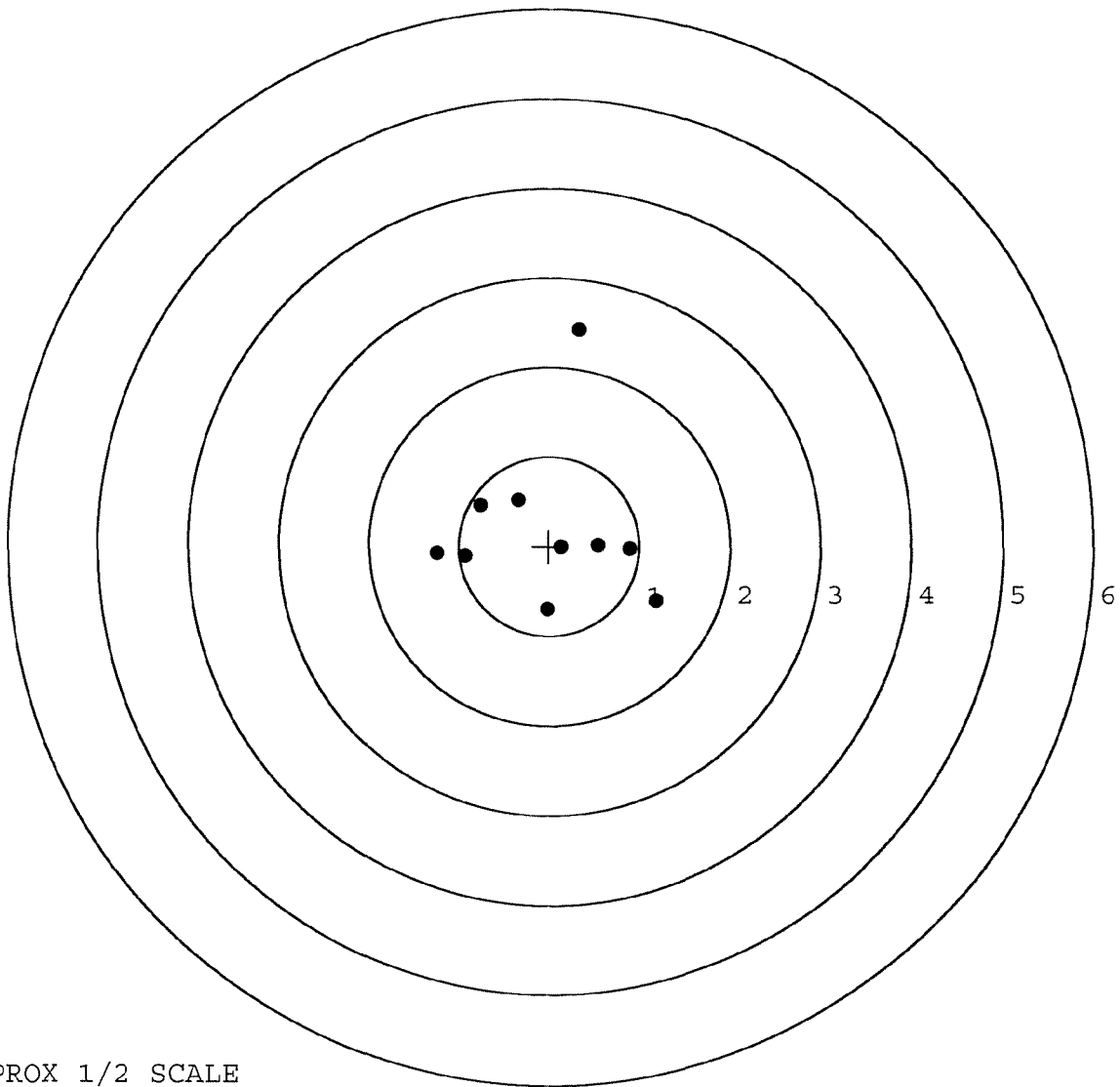
MEAN RADIUS: 0.985

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.182	-0.607
2:	0.896	-0.029
3:	0.545	0.019
4:	0.134	-0.013
5:	-0.024	-0.709
6:	-0.346	0.516
7:	-0.763	0.456
8:	-0.932	-0.118
9:	-1.250	-0.090
10:	0.326	2.418



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	108241			
SERIAL NUMBER	C6523530			
LOG-IN DATE	2-13-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-13-06	RTZ
505	RE-BARREL		2-14-06	RTZ
560	ASSEMBLE		2-14-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED	2-14-06	TRW
605	CHECK HEADSPACE	FEB 16 2006	2-14-06	TRW
610	DIS-ASSEMBLE GUN		2-15-06	RTZ
612	MAGNAFLUX	OPERATOR <i>unat</i>	2-16-06	<i>unat</i>
510	DRILL AND TAP		2-15-06	TRW
615	ROLLMARK CALIBER		2-15-06	CW
618	ROTO-BLAST		2-16-06	LB
620	APPLY COATINGS		2-23-06	RTZ
625	FINAL ASSEMBLY		2-23-06	RTZ
640	FUNCTION TEST AND	☒ PASS ☐ FAIL	2-27-06	TRW
650	TARGET	☒ PASS ☐ FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		2-27-06	<i>ST</i>
	A) HEADSPACE	☒ PASS ☐ FAIL	2-27-06	<i>ST</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	5 lbs 5 lbs 5 lbs	AC
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	AC
	I) FIRING PIN INDENT	.020	.021 .021 .021	AC
690	PACK		3-3-06	DA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18388

INITIAL FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN			SCOPE 90-0259	
DATE RECEIVED 06/11/94	DATE OPENED 06/11/94	DATE CODE	SERIAL NUMBER C6523530	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO	
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE							

FROM:

SHIP TO:

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

CUST NO: 098397 C.A.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	FROM DATE	ESTIMATED	VIA FRT
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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	COMMENTS
Trigger Assy	173.71
Scope Repair	119.43
Clean/Insp/Prep	50.00
	343.14
REPAIRMAN PROOF CLEAN TEST TARGET PATTERN	
GALLERY TESTER DATE DATE DATE DATE DATE	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400029786

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523530

DATE _____

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.28	2.39		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.23	2.38		
PULL #3	2.52	2.29	2.42		
PULL #4	2.43	2.22	2.45		
PULL #5	2.42	2.25	2.45		
TOTAL	12.30	11.27	12.09		
AVG.	2.46	2.25	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.33		
PULL #2	3.00	3.35		
PULL #3	3.01	3.36		
PULL #4	3.13	3.38		
PULL #5	3.30	3.38		
TOTAL	15.51	16.80		
AVG.	3.10	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.12		4.08
PULL #2	4.15	4.12		4.11
PULL #3	4.19	4.08		4.07
PULL #4	4.11	4.09		4.10
PULL #5	4.26	4.10		4.11
TOTAL	20.92	20.51		20.47
AVG.	4.18	4.10		4.09

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523530

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	5 1/2	5 1/2	5 1/2			11/29	WB
	G) Safety Off Force	3 3/4	3 1/2	3 3/4			11/29	WB
	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	2.42	2.35	2.36	2.36	2.35	11/29	WB
	C) Function							
660	Pack							

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

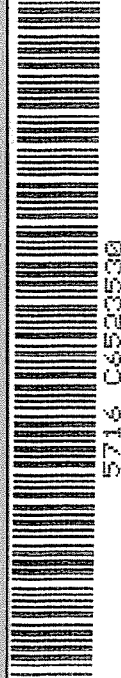
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

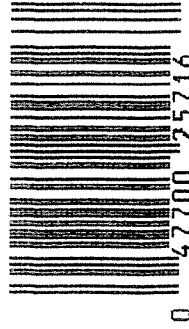
SERIAL NO. C6523530

ORDER NO. 5716

Ø1



UPC



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523530

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KL
600	Proof		10/2/90	KL
607	Check Headspace		10/2/90	KL
610	Dis-assemble Gun		10/2/90	KL
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	LS
617	Drill and Tap Sight Holes		10/8/90	WB
618	Polish Barrel RB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-27-90	PH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			10/27/90	WSB
	G) Safety Off Force	7 1/4	8 1/4	7 1/4			10/27/90	WSB
	H) Trigger Pull Test & Retainability						10-2790	DH
	I) Firing Pin Indent	0205	021	021			10/27/90	WSB
	J) Assemble Stock						10/27/90	Kd
	K) Assemble Swivel Studs						3/06/90	JSS
	L) Attach Front and Rear Sight Assemblies						10/27/90	Kd
	M) Iron Sight Alignment						10/27/90	Kd
	N) Detach Front & Rear Sights & place in numbered container						10/27/90	Kd
	O) Attach Scope to Rifle						10/27/90	Kd
	P) Detach & Attach Scope 20 Times						10/27/90	Kd
640	Gallery Target & Test						10/29/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10/29/90	NF
655	Final Inspection							
	A) Headspace						3/06/90	JSS
	B) Trigger Pull	205	252	200	276	274	3/06/90	JSS
	C) Function						3/06/90	JSS
660	Pack						12/14/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6523530

DATE 10-27-90

TESTER OH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.56	2.45	266	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.64	2.43	252	
PULL #3	2.56	2.67	2.42	260	
PULL #4	2.46	2.60	2.43	276	
PULL #5	2.45	2.40	2.50	294	
TOTAL	12.51	12.87	12.23		
AVG.	2.50	2.57	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.30		
PULL #2	3.09	3.06		
PULL #3	3.03	3.10		
PULL #4	3.08	3.20		
PULL #5	3.06	3.26		
TOTAL	15.32	15.92		
AVG.	3.06	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.16		4.08
PULL #2	4.38	4.36		4.06
PULL #3	4.32	4.33		4.10
PULL #4	4.00	4.00		4.12
PULL #5	4.27	4.29		4.10
TOTAL	21.23	21.14		20.46
AVG.	4.24	4.22		4.09

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523530
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.103247
1 TO	2	.353293
1 TO	3	.139818
1 TO	4	.10819
1 TO	5	.218325

245 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.073
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .125594
THE AMR FOR THIS RIFLE IS: .912

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C 6523530

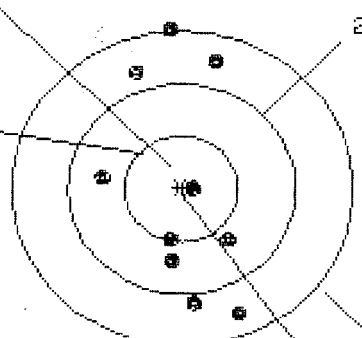
CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle



CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 1.156

VS= 2.782

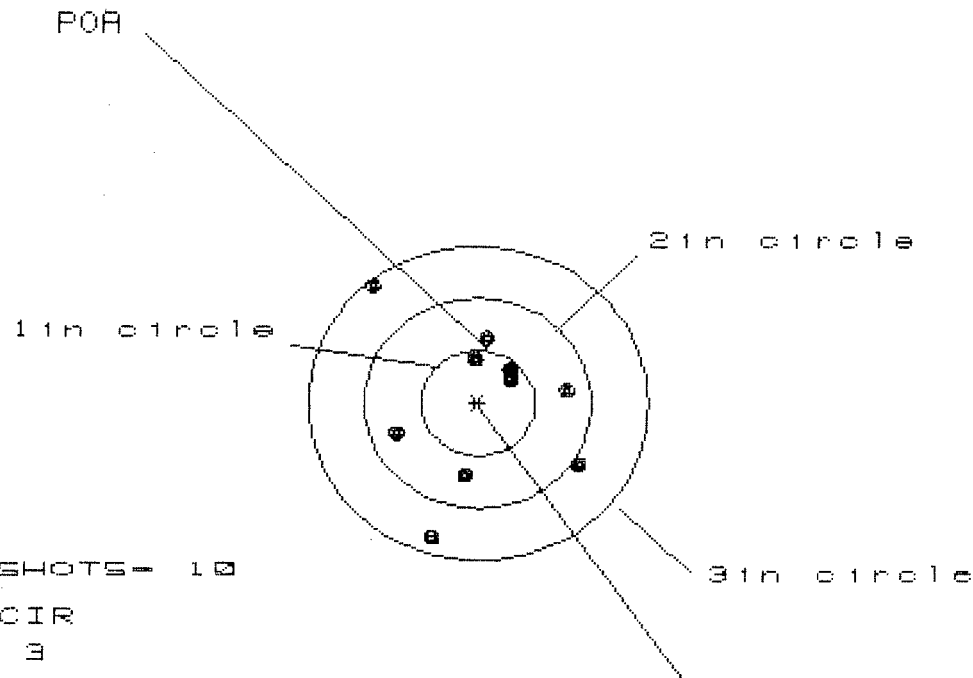
GS= 2.837

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.471	.461	.479
MINIMUM X	:	-.685	-.695	-.637
MAXIMUM Y	:	1.549	1.363	1.230
MINIMUM Y	:	-1.233	-1.061	-1.054
CENTROID X	:	-.102	-.092	-.150
CENTROID Y	:	-.016	-.188	-.055
POA TO CENTROID in.	:	.103	.209	.159
MIN RADIUS	:	.128	.232	.186
MEAN RADIUS	:	.913	.810	.779
MAX RADIUS	:	1.551	1.402	1.274
HORIZONTAL SPREAD	:	1.156	1.156	1.116
VERTICAL SPREAD	:	2.782	2.424	2.284
EXTREME SPREAD	:	2.837	2.555	2.323
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C 6523530

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.851

VS= 2.415

GS= 2.498

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.788	.722
MINIMUM X	:	-.956	-.791	-.857
MAXIMUM Y	:	1.116	.789	.642
MINIMUM Y	:	-1.299	-1.175	-.672
CENTROID X	:	-.282	-.175	-.109
CENTROID Y	:	-.320	-.444	-.297
POA TO CENTROID in.	:	.426	.477	.316
MIN RADIUS	:	.364	.395	.234
MEAN RADIUS	:	.789	.717	.597
MAX RADIUS	:	1.470	1.291	.929
HORIZONTAL SPREAD	:	1.851	1.579	1.579
VERTICAL SPREAD	:	2.415	1.964	1.314
EXTREME SPREAD	:	2.498	2.020	1.501
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 1.618

VS= 2.742

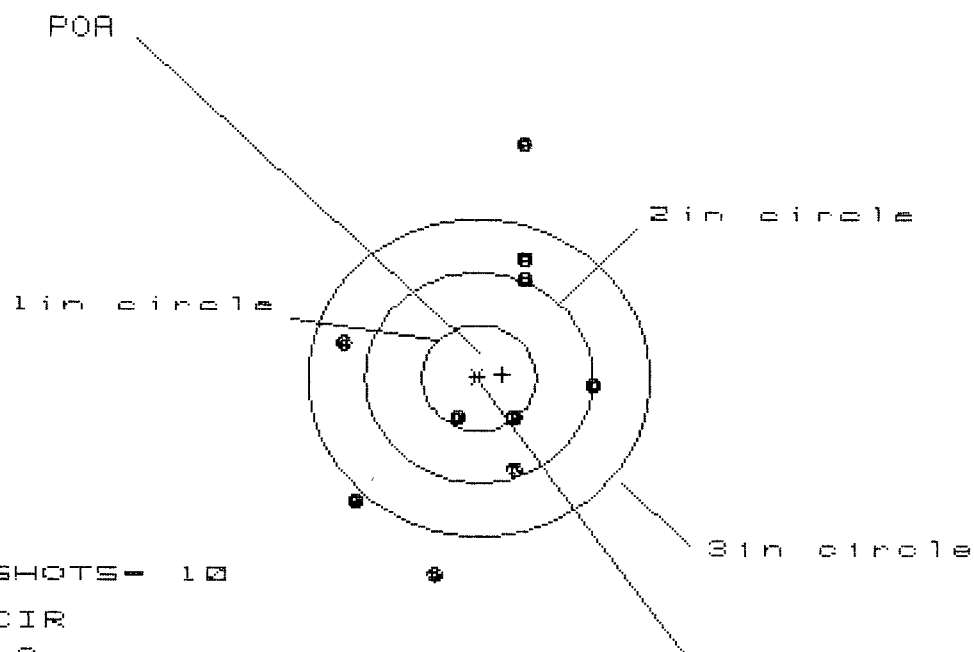
GS= 2.917

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.934	.874
MINIMUM X	:	-.735	-.684	-.744
MAXIMUM Y	:	1.583	1.001	.878
MINIMUM Y	:	-1.159	-.983	-.608
CENTROID X	:	.005	-.046	.014
CENTROID Y	:	-.106	-.282	-.159
POA TO CENTROID in.	:	.106	.286	.159
MIN RADIUS	:	.117	.192	.169
MEAN RADIUS	:	.783	.671	.609
MAX RADIUS	:	1.649	1.184	1.063
HORIZONTAL SPREAD	:	1.618	1.618	1.618
VERTICAL SPREAD	:	2.742	1.984	1.486
EXTREME SPREAD	:	2.917	2.220	2.022
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.156

VS= 4.038

GS= 4.120

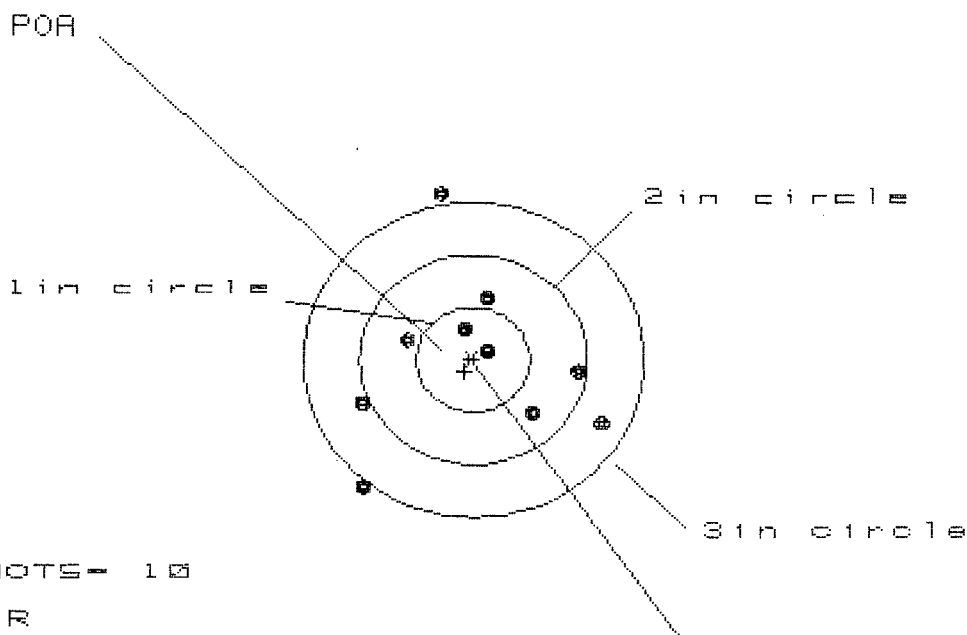
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	1.033	.989
MINIMUM X	:	-1.170	-1.123	-1.167
MAXIMUM Y	:	2.213	1.409	1.211
MINIMUM Y	:	-1.825	-1.579	-1.125
CENTROID X	:	-.209	-.256	-.212
CENTROID Y	:	-.032	-.278	-.080
POA TO CENTROID in.	:	.212	.378	.227
MIN RADIUS	:	.406	.204	.366
MEAN RADIUS	:	1.194	1.037	.970
MAX RADIUS	:	2.252	1.618	1.559
HORIZONTAL SPREAD	:	2.156	2.156	2.156
VERTICAL SPREAD	:	4.038	2.988	2.336
EXTREME SPREAD	:	4.120	3.100	2.782
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.167

VS= 2.803

GS= 2.877

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	1.130	1.006
MINIMUM X	:	-1.003	-1.037	-1.161
MAXIMUM Y	:	1.634	.795	.672
MINIMUM Y	:	-1.169	-.988	-.501
CENTROID X	:	.077	.111	.235
CENTROID Y	:	.109	-.072	.051
POA TO CENTROID in.	:	.134	.132	.240
MIN RADIUS	:	.168	.278	.129
MEAN RADIUS	:	.881	.811	.696
MAX RADIUS	:	1.662	1.398	1.203
HORIZONTAL SPREAD	:	2.167	2.167	2.167
VERTICAL SPREAD	:	2.803	1.783	1.173
EXTREME SPREAD	:	2.877	2.205	2.175
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	