

C6523333

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00092901

Serial: C6523333 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1990

Repairman:

Status:

Closed 2/10/2005 11:39:02 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:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code:

362014199

Country: US

State: AL

Zip Code:

362014199

Country: US

FHL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSF 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

nag/elj

2/14/2005

8:23 AM

CAPS

NUM

INS

SCPL

start

5

2

4

Arms Services

Serial Number: C6523333

Model: M24 SWS



RE00092901

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523333.___0
FILE DATE AND TIME: 07/05/2005 08:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.204
The Average Y Centroid of the Five Target Set:	0.058
The Average Point of Impact of the Five Target Set:	0.212
The Average Mean Radius of the Five Target Set:	0.801
The Distance from POA to Centroid Target #1:	0.319
The Distance from Centroid Target #2 to Centroid Target #1:	0.193
The Distance from Centroid Target #3 to Centroid Target #1:	0.043
The Distance from Centroid Target #4 to Centroid Target #1:	0.257
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

SERIAL NUMBER: C6523333. 0

TARGET NUMBER: 1

FILE DATE: 07/05/2005

FILE TIME: 08:32

X CENTROID: -0.303

Y CENTROID: 0.101

POA TO CENTROID: 0.319

HORZ SPREAD: 1.593

VERT SPREAD: 2.258

GROUP SPREAD: 2.396

MIN RADIUS: 0.098

MAX RADIUS: 1.397

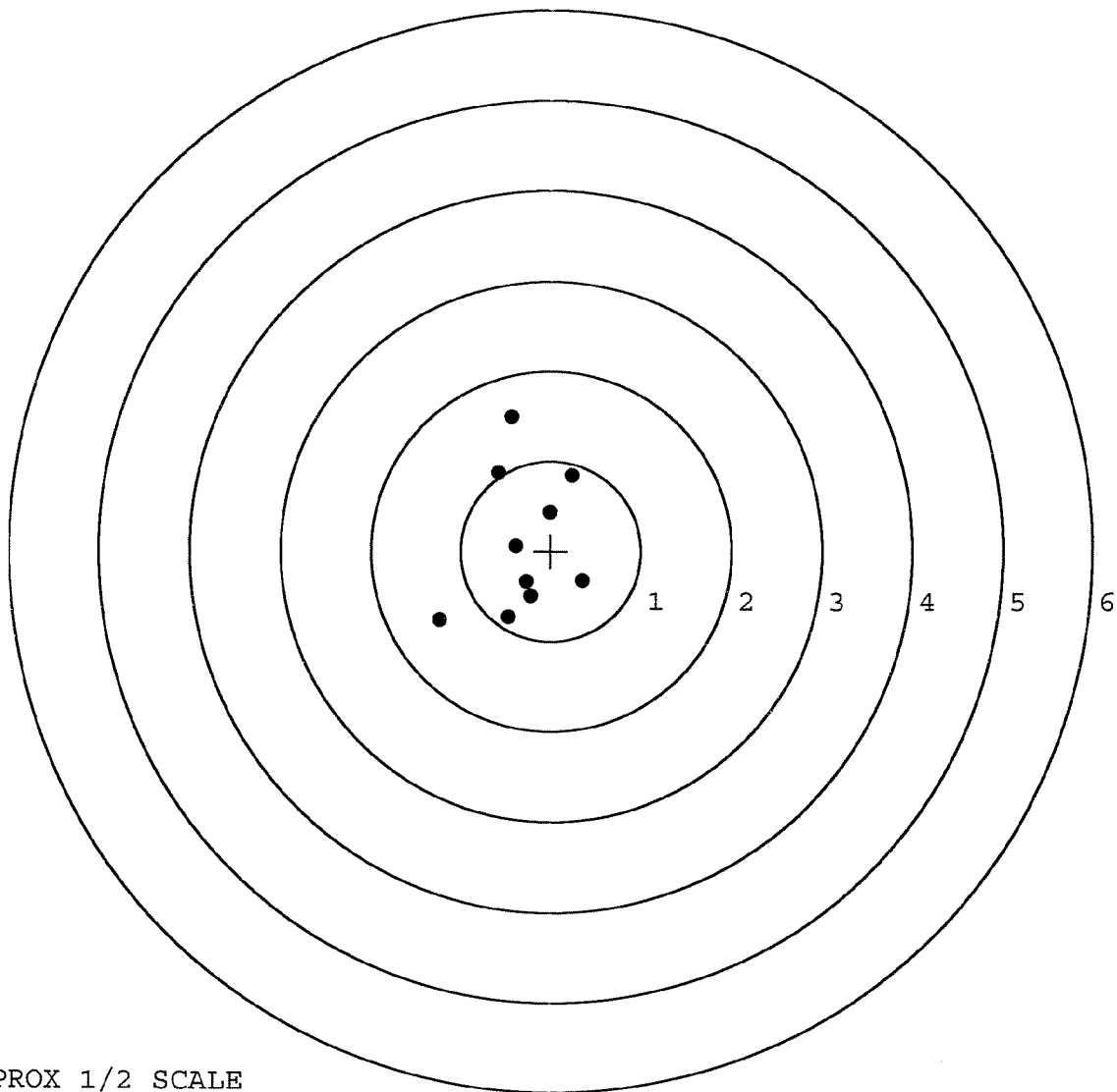
MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.436	1.491
2:	-0.585	0.871
3:	0.238	0.840
4:	-0.011	0.431
5:	-0.389	0.054
6:	0.355	-0.329
7:	-0.272	-0.346
8:	-0.222	-0.500
9:	-0.471	-0.739
10:	-1.238	-0.767



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523333. __0

TARGET NUMBER: 2

FILE DATE: 07/05/2005

FILE TIME: 08:32

X CENTROID: -0.130

Y CENTROID: 0.185

POA TO CENTROID: 0.226

HORZ SPREAD: 1.999

VERT SPREAD: 1.714

GROUP SPREAD: 1.965

MIN RADIUS: 0.208

MAX RADIUS: 1.320

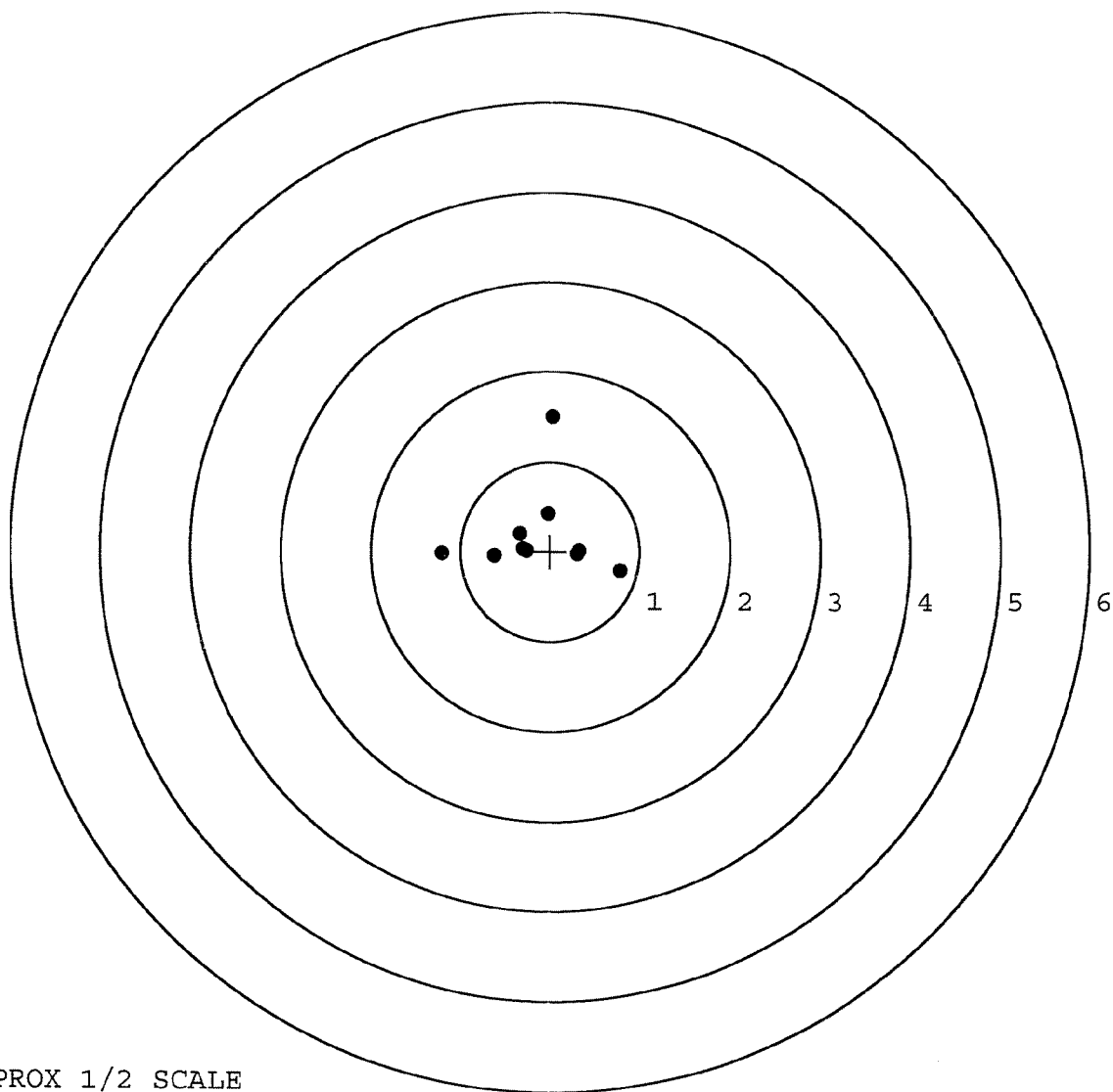
MEAN RADIUS: 0.588

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.786	-0.219
2:	0.313	-0.027
3:	-0.261	0.011
4:	-0.337	0.198
5:	-0.626	-0.051
6:	-1.213	-0.025
7:	-0.020	0.426
8:	0.032	1.495
9:	0.330	0.012
10:	-0.302	0.030



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523333. 0

TARGET NUMBER: 3

FILE DATE: 07/05/2005

FILE TIME: 08:32

POINT#	X	Y
1:	1.160	1.332
2:	-1.097	0.686
3:	-1.570	0.132
4:	-1.912	-0.062
5:	-0.667	-0.089
6:	0.220	0.223
7:	0.528	0.267
8:	0.185	-0.316
9:	0.013	-0.667
10:	-0.314	-0.411

X CENTROID: -0.345

Y CENTROID: 0.110

POA TO CENTROID: 0.362

HORZ SPREAD: 3.072

VERT SPREAD: 1.999

GROUP SPREAD: 3.373

MIN RADIUS: 0.378

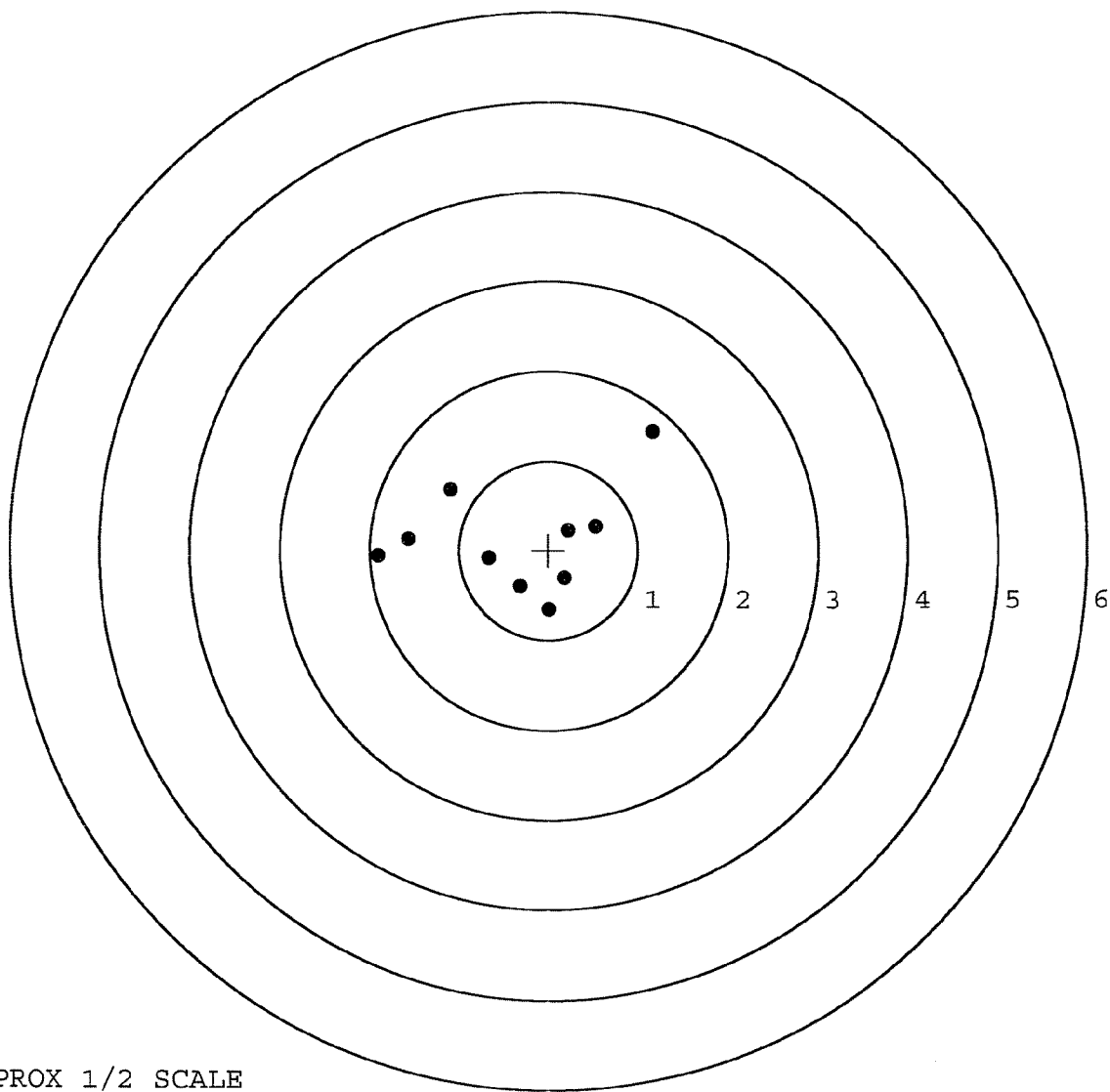
MAX RADIUS: 1.939

MEAN RADIUS: 0.959

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523333. 0

TARGET NUMBER: 4

FILE DATE: 07/05/2005

FILE TIME: 08:32

X CENTROID: -0.106

Y CENTROID: -0.065

POA TO CENTROID: 0.125

HORZ SPREAD: 2.752

VERT SPREAD: 2.903

GROUP SPREAD: 3.245

MIN RADIUS: 0.402

MAX RADIUS: 2.151

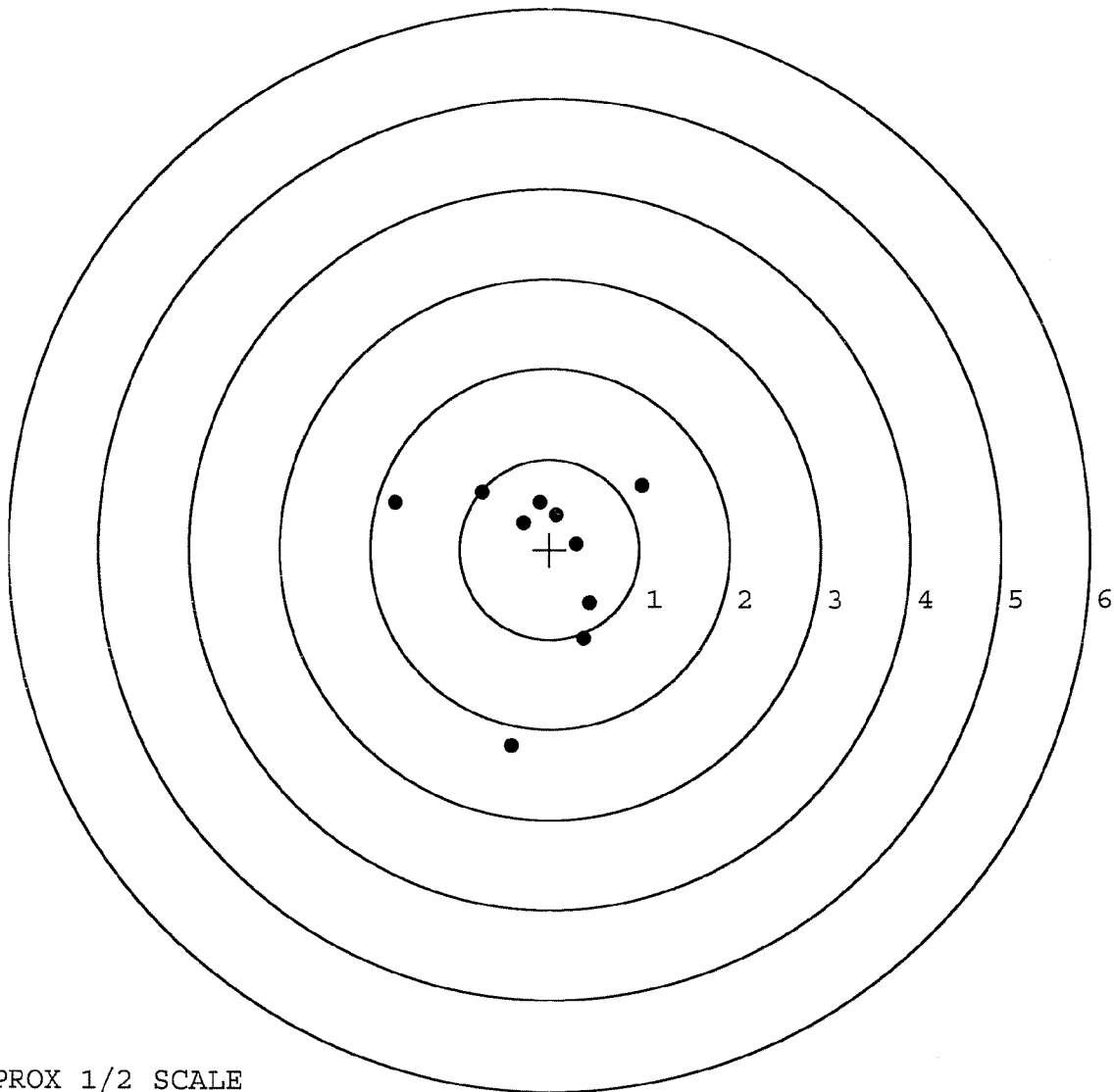
MEAN RADIUS: 0.992

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.028	0.710
2:	-0.113	0.522
3:	-0.287	0.294
4:	0.074	0.385
5:	-0.753	0.636
6:	-1.724	0.524
7:	0.304	0.062
8:	0.447	-0.595
9:	0.384	-0.998
10:	-0.422	-2.193



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523333. 0

TARGET NUMBER: 5

FILE DATE: 07/05/2005

FILE TIME: 08:32

X CENTROID: -0.136

Y CENTROID: -0.039

POA TO CENTROID: 0.141

HORZ SPREAD: 1.356

VERT SPREAD: 2.073

GROUP SPREAD: 2.342

MIN RADIUS: 0.196

MAX RADIUS: 1.273

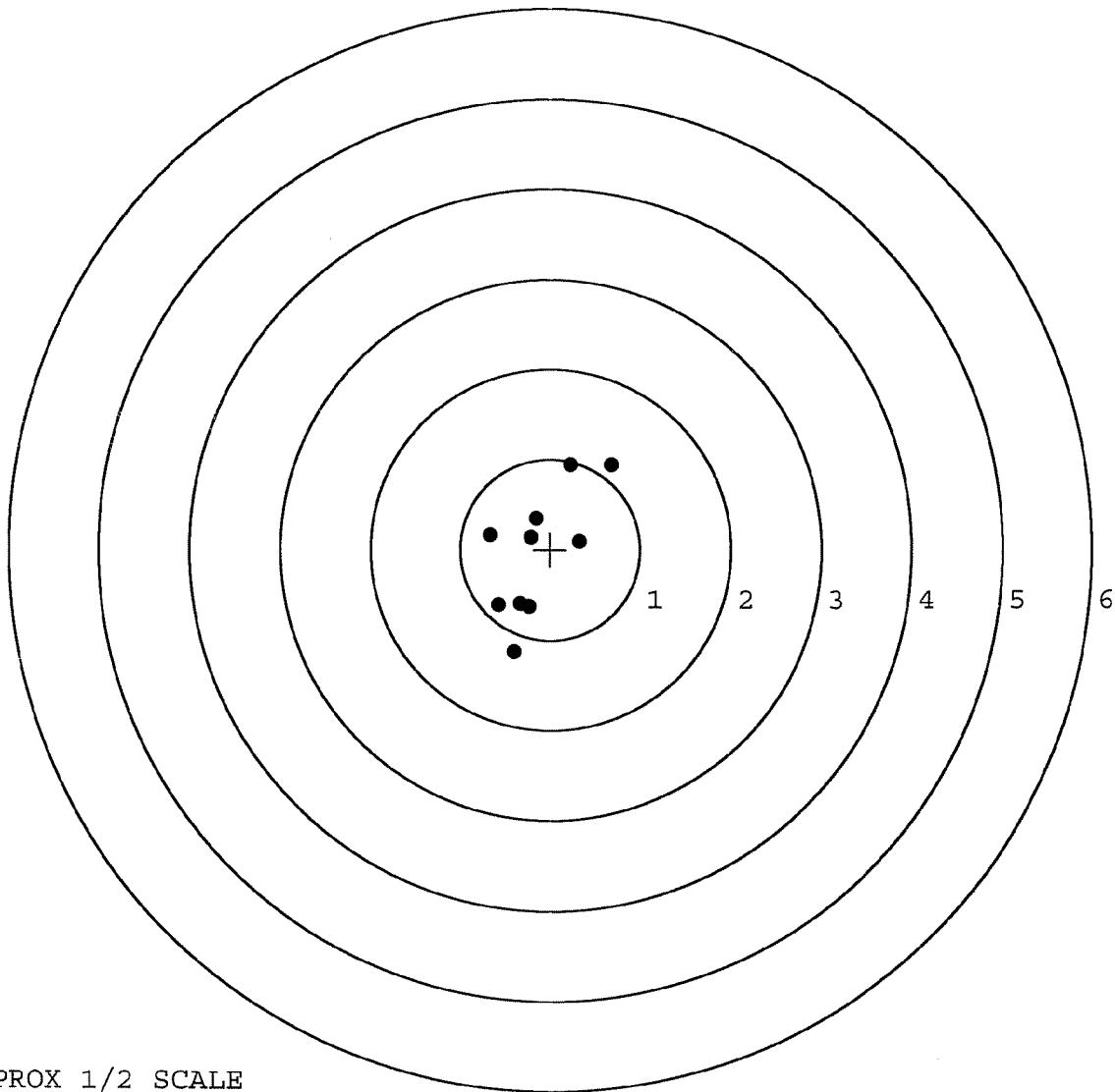
MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.576	-0.620
2:	-0.239	-0.638
3:	-0.406	-1.138
4:	-0.672	0.166
5:	-0.155	0.341
6:	-0.217	0.139
7:	0.329	0.092
8:	0.233	0.935
9:	0.684	0.935
10:	-0.340	-0.602



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-02-D-0127

QAR INSPECTION DATE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18150

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-9834

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

90-0338

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6523333 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 CJO.D

ACCOUNT NUMBER ACCOUNT NUMBER N/C PROM. DATE ESTIMATED VIA FRT

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

Stock 376.89
Trigger Assy 173.71
Scope Rep 119.43
Clean/Insp/Rep 50.00
720.03

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0006289

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

SERIAL NO. C6523333DATE 9-14-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.73	2.40	2.58		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.21	2.63		
PULL #3	2.65	2.23	2.50		
PULL #4	2.60	2.46	2.60		
PULL #5	2.62	2.30	2.61		
TOTAL	13.19	11.60	12.92		
AVG.	2.63	2.32	2.58		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.22		
PULL #2	3.06	3.21		
PULL #3	3.00	3.27		
PULL #4	3.03	3.27		
PULL #5	3.06	3.16		
TOTAL	15.17	16.13		
AVG.	3.03	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.40	4.05	
PULL #2	4.22	4.40	3.94	
PULL #3	4.10	4.45	3.96	
PULL #4	4.25	4.26	4.05	
PULL #5	4.30	4.45	4.03	
TOTAL	20.89	21.96	20.03	
AVG.	4.17	4.39	4.00	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C-6523333

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	4.5	4.5	4.5			12-2-95	DA
	G) Safety Off Force	3.0	3.0	3.0			12-2-95	DA
	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	2.28	2.23	2.26	2.26	2.26	12-2-95	DA
	C) Function							
660	Pack							

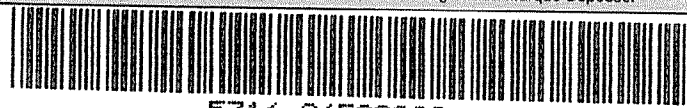
Remington  VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6523333

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01



5716 C6523333

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523333

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KA
600	Proof		10/4/90	KA
607	Check Headspace		10/4/90	KA
610	Dis-assemble Gun		10/4/90	KA
612	Magnaflux Barrel Action		10/9/90	KR
	Magnaflux Bolt		10/9/90	KR
615	Rollmark Caliber		10/9/90	RB
617	Drill and Tap Sight Holes		10/11/90	FB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10/18/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/19/90	WB
	C) Inspect Ejector Hole for Chamfer		10/19/90	WB
	D) Oil Firing Pin Ass'y		10/19/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.25	4.0			11-2-90	KT
	G) Safety Off Force	2.5	2.5	2.5			11-2-90	KT
	H) Trigger Pull Test & Retainability						11-6-90	92
	I) Firing Pin Indent	.025	.025	.025			11-2-90	KT
	J) Assemble Stock						11-6-90	KS
	K) Assemble Swivel Studs						11/19/90	928
	L) Attach Front and Rear Sight Assemblies						11-6-90	KS
	M) Iron Sight Alignment						11-6-90	KS
	N) Detach Front & Rear Sights & place in numbered container						11-6-90	KS
	O) Attach Scope to Rifle						11-6-90	KS
	P) Detach & Attach Scope 20 Times						11-6-90	KS
640	Gallery Target & Test						11/7/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11/7/90	AF
655	Final Inspection						11/19/90	928
	A) Headspace						11/19/90	928
	B) Trigger Pull	229	233	236	232	237	11/19/90	928
	C) Function						11/19/90	928
660	Pack						12-18-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523333

DATE 11-6-90

TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.38	2.35	229	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.37	2.38	233	
PULL #3	2.14	2.35	2.40	236	
PULL #4	2.40	2.27	2.25	232	
PULL #5	2.41	2.39	2.36	227	
TOTAL	11.54	11.76	11.74		
AVG.	2.308	2.352	2.348		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.32		
PULL #2	3.35	3.43		
PULL #3	3.39	3.42		
PULL #4	3.42	3.41		
PULL #5	3.38	3.40		
TOTAL	17.00	16.98		
AVG.	3.4	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.36		4.21
PULL #2	4.40	4.25		4.13
PULL #3	4.42	4.25		4.23
PULL #4	4.23	4.30		4.33
PULL #5	4.22	4.28		4.27
TOTAL	21.74	21.44		21.17
AVG.	4.348	4.288		4.234

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523333
8 NOV 1990

CENTROIDAL DISTANCES

0 TO	1	.0877268
1 TO	2	.236315
1 TO	3	.161818
1 TO	4	.0962601
1 TO	5	.110802

• <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0824
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0134
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0834825
THE AMR FOR THIS RIFLE IS: .8682

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523333

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS = 1.497

VS = 2.739

GS = 2.998

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.799	.886	.854
MINIMUM X	:	-.698	-.611	-.643
MAXIMUM Y	:	1.213	1.044	.864
MINIMUM Y	:	-1.526	-1.438	-1.149
CENTROID X	:	-.036	-.123	-.091
CENTROID Y	:	.088	.249	.429
POA TO CENTROID in.	:	.088	.278	.439
MIN RADIUS	:	.371	.313	.188
MEAN RADIUS	:	.914	.792	.674
MAX RADIUS	:	1.717	1.461	1.158
HORIZONTAL SPREAD	:	1.497	1.497	1.497
VERTICAL SPREAD	:	2.739	2.482	2.013
EXTREME SPREAD	:	2.998	2.483	2.027
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523333

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS = 2.842

VS = 3.930

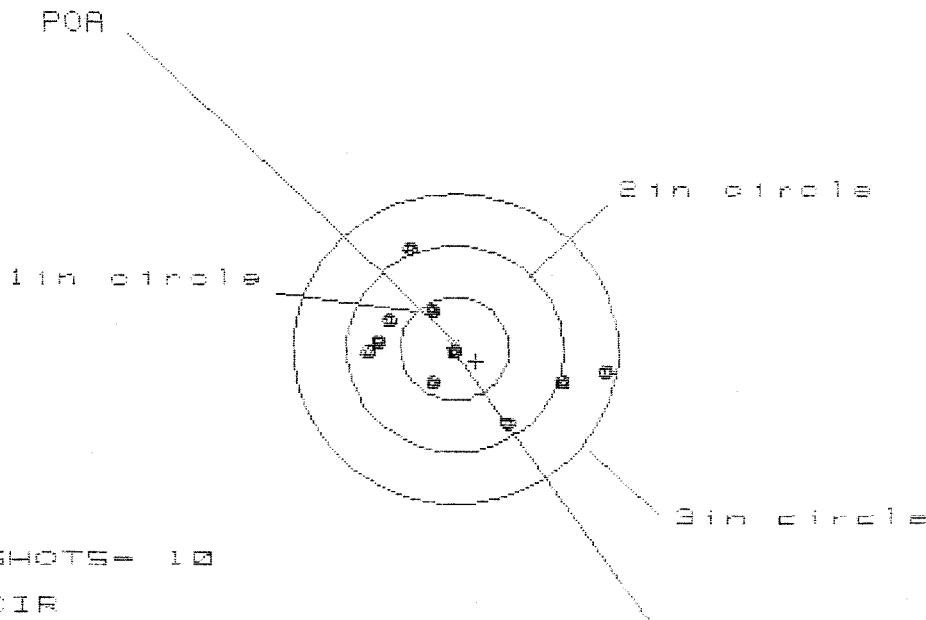
GS = 4.051

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.197	1.179	1.279
MINIMUM X	:	-1.346	-1.364	-1.264
MAXIMUM Y	:	1.696	1.436	.775
MINIMUM Y	:	-2.244	-1.286	-1.106
CENTROID X	:	-.117	-.099	-.199
CENTROID Y	:	-.142	.108	-.072
POA TO CENTROID in.	:	.184	.146	.212
MIN RADIUS	:	.197	.170	.093
MEAN RADIUS	:	1.163	.998	.926
MAX RADIUS	:	2.250	1.772	1.582
HORIZONTAL SPREAD	:	2.543	2.543	2.543
VERTICAL SPREAD	:	3.930	2.722	1.881
EXTREME SPREAD	:	4.051	3.359	3.036
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

8 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6529333

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.244

VS= 1.635

GS= 2.253

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.423	1.104	1.071
MINIMUM X	:	-.821	-.663	-.696
MAXIMUM Y	:	.956	.928	.422
MINIMUM Y	:	-.679	-.707	-.591
CENTROID X	:	-.192	-.350	-.317
CENTROID Y	:	.123	.151	.034
POA TO CENTROID in.	:	.228	.381	.319
MIN RADIUS	:	.023	.162	.138
MEAN RADIUS	:	.724	.619	.575
MAX RADIUS	:	1.444	1.170	1.105
HORIZONTAL SPREAD	:	2.244	1.767	1.767
VERTICAL SPREAD	:	1.635	1.635	1.012
EXTREME SPREAD	:	2.253	1.898	1.796
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523938

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

CENTROID *

HS = 1.9330

VS = 2.187

GS = 2.278

PATTERN #

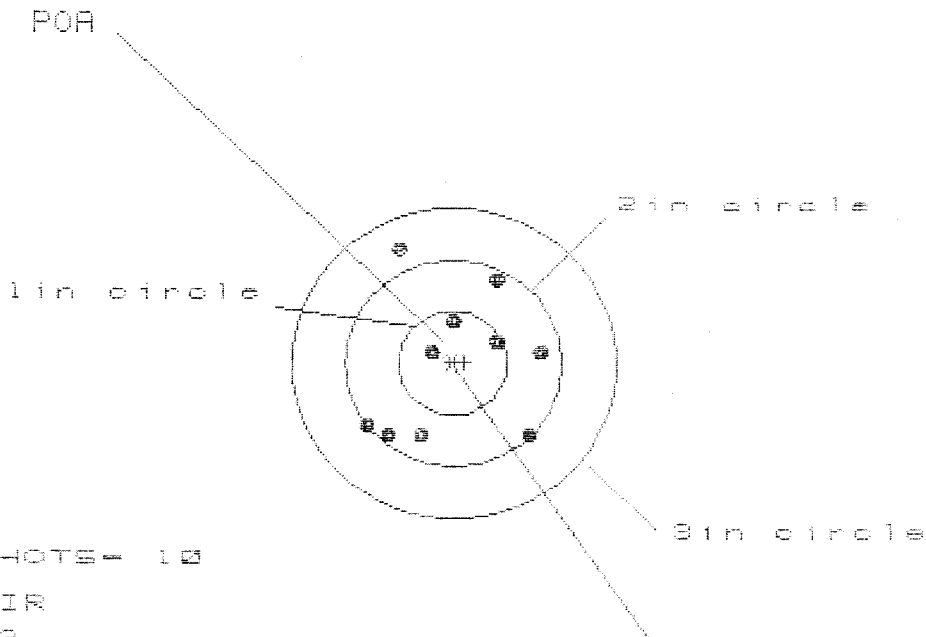
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	1.004	.893
MINIMUM X	:	-.901	-.926	-1.037
MAXIMUM Y	:	.888	.744	.803
MINIMUM Y	:	-1.299	-.853	-.760
CENTROID X	:	.035	.060	.171
CENTROID Y	:	.015	.159	.066
POA TO CENTROID in.	:	.038	.170	.183
MIN RADIUS	:	.224	.289	.149
MEAN RADIUS	:	.769	.698	.616
MAX RADIUS	:	1.318	1.157	1.037
HORIZONTAL SPREAD	:	1.930	1.930	1.930
VERTICAL SPREAD	:	2.187	1.597	1.563
EXTREME SPREAD	:	2.278	2.140	1.937
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.599

VS = 1.822

GS = 2.191

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.797	.744	.830
MINIMUM X	-.802	-.855	-.769
MAXIMUM Y	1.094	.950	.874
MINIMUM Y	-.729	-.607	-.652
CENTROID X	-.102	-.049	-.135
CENTROID Y	-.009	-.131	-.055
POA TO CENTROID in.	.102	.140	.146
MIN RADIUS	.233	.359	.246
MEAN RADIUS	.771	.731	.696
MAX RADIUS	1.193	1.017	.983
HORIZONTAL SPREAD	1.599	1.599	1.599
VERTICAL SPREAD	1.822	1.557	1.526
EXTREME SPREAD	2.191	1.908	1.908
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	