

G684 8405

Replaces

C 652 3464

Repair Inquiry

Repair Number: RE00172757

Serial: C6523464 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status:

Closed 8/10/2009 8:08:11 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: JSPFO FOR ARKANSAS BLDG 0318

JSPFO FOR ARKANSAS BLDG 0318

Address 2: CAMP ROBINSON

PO Box:

CAMP ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FPL:

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
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naget

8/17/2009

12:47 PM

CAPS

NUM

INS

SERL

start

4 Micros...

Amazon.c...

3 Micros...

Arms Serv...

Part Seac...

NEW CLIN...

Adobe Acr...

12:47 PM

G6848405

Serial Number: ~~C6523464~~

Model: M24 SWS



RE00172757

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

172757

SERIAL NUMBER

C6523464

C6848405

LOG-IN DATE

8-10-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-1-09	RTZ
505	RE-BARREL	9-4-09	RTZ
420	ASSEMBLE	9-4-09	RTZ
440	PROOF	9-4-09	S.P.D.
460	CHECK HEADSPACE	9-4-09	S.P.D.
470	DIS-ASSEMBLE GUN	9-4-09	S.P.D.
480	MAGNAFLUX	9/10/09	JD
510	DRILL AND TAP	9-8-09	SP
500	ROLLMARK CALIBER	9/10/09	SP
520	GOFF BLAST BBL / REC	9/10/09	710
530 & 540	APPLY COATINGS	9/16	✓
560	FINAL ASSEMBLY	9-18-09	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-18-09 RP
650	TARGET	(PASS) FAIL	9-18-09 RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	(PASS) FAIL	9-18-09 S.P.D.
	A) HEADSPACE	(PASS) FAIL	9-23-09 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.23 2.23 2.75 2.38 2.44 9-21-09 TL
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	50 50 50
	G) SAFETY OFF FORCE	2 LBS MIN	20 20 20 9-23-09 RTZ
	I) FIRING PIN INDENT	.020	022 022 022
690	PACK		9/24/09 Fry

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6848405.___0
FILE DATE AND TIME: 09/21/2009 08:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.030
The Average Mean Radius of the Five Target Set:	0.669
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.055
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.213
The Distance from Centroid Target #5 to Centroid Target #1:	0.243

BARBER - M24 0055008

SERIAL NUMBER: G6848405. __0

TARGET NUMBER: 1

FILE DATE: 09/21/2009

FILE TIME: 08:06

POINT#	X	Y
1:	-0.401	-1.189
2:	-1.038	-0.669
3:	-0.395	-0.182
4:	-0.501	0.798
5:	-0.312	0.561
6:	-0.080	0.273
7:	0.178	0.302
8:	0.533	0.558
9:	0.246	0.009
10:	0.170	-0.306

X CENTROID: -0.160

Y CENTROID: 0.015

POA TO CENTROID: 0.161

HORZ SPREAD: 1.571

VERT SPREAD: 1.987

GROUP SPREAD: 1.990

MIN RADIUS: 0.270

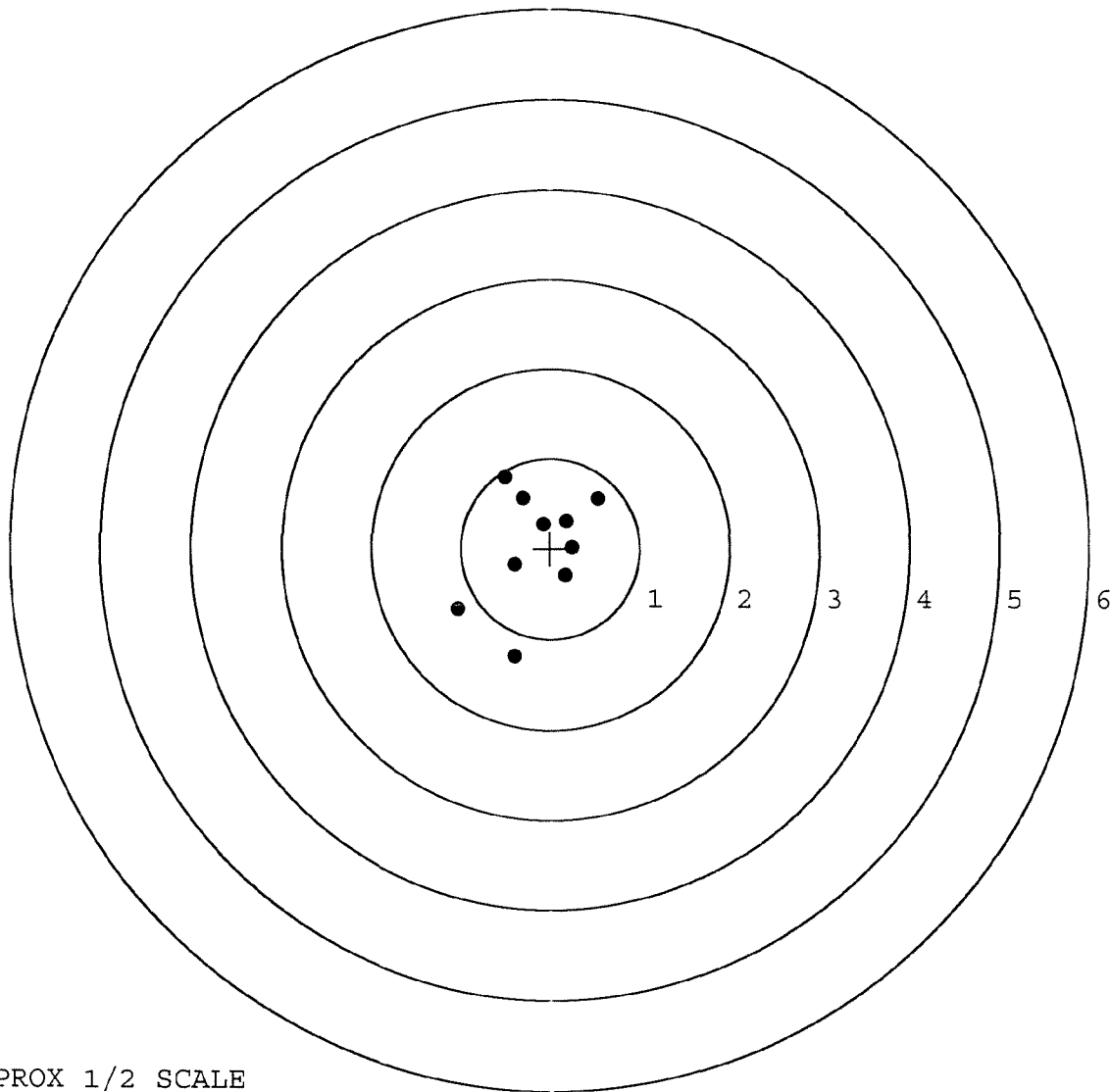
MAX RADIUS: 1.228

MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0055009

SERIAL NUMBER: G6848405. __0

TARGET NUMBER: 2

FILE DATE: 09/21/2009

FILE TIME: 08:06

POINT#	X	Y
1:	-1.648	-0.331
2:	0.788	0.825
3:	-0.156	-1.945
4:	0.115	-0.385
5:	-0.206	-0.307
6:	0.069	-0.148
7:	-0.008	0.074
8:	-0.003	0.409
9:	-0.231	0.495
10:	-0.167	0.942

X CENTROID: -0.145

Y CENTROID: -0.037

POA TO CENTROID: 0.149

HORZ SPREAD: 2.436

VERT SPREAD: 2.887

GROUP SPREAD: 2.926

MIN RADIUS: 0.176

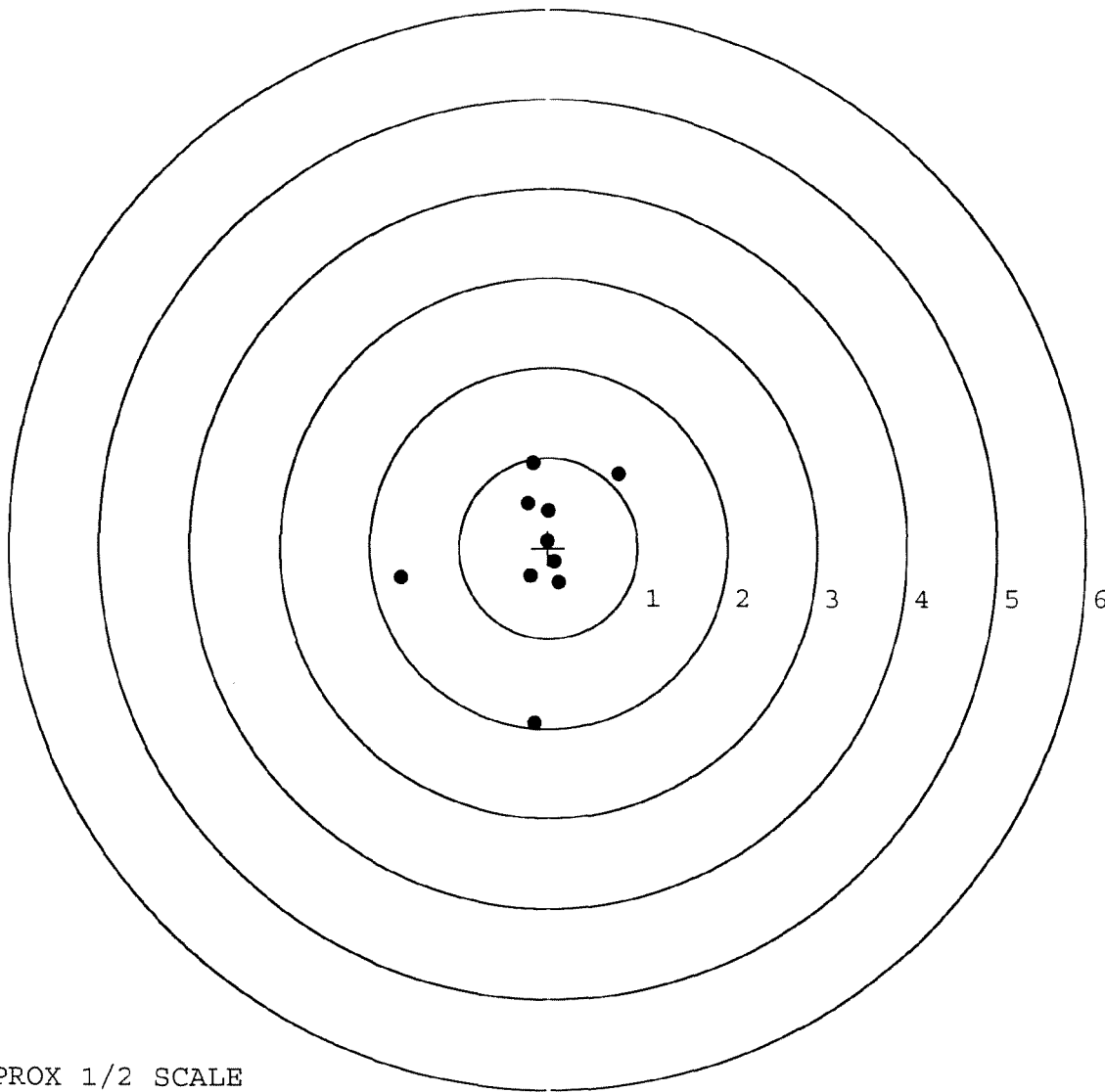
MAX RADIUS: 1.908

MEAN RADIUS: 0.782

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0055010

SERIAL NUMBER: G6848405. __0

TARGET NUMBER: 3

FILE DATE: 09/21/2009

FILE TIME: 08:06

POINT#	X	Y
1:	-1.052	0.003
2:	-0.739	0.145
3:	-0.474	0.221
4:	-0.310	-0.297
5:	0.018	-0.102
6:	0.234	0.025
7:	0.713	-0.260
8:	0.838	-0.083
9:	0.554	0.340
10:	0.861	0.461

X CENTROID: 0.064

Y CENTROID: 0.045

POA TO CENTROID: 0.079

HORZ SPREAD: 1.913

VERT SPREAD: 0.758

GROUP SPREAD: 1.967

MIN RADIUS: 0.154

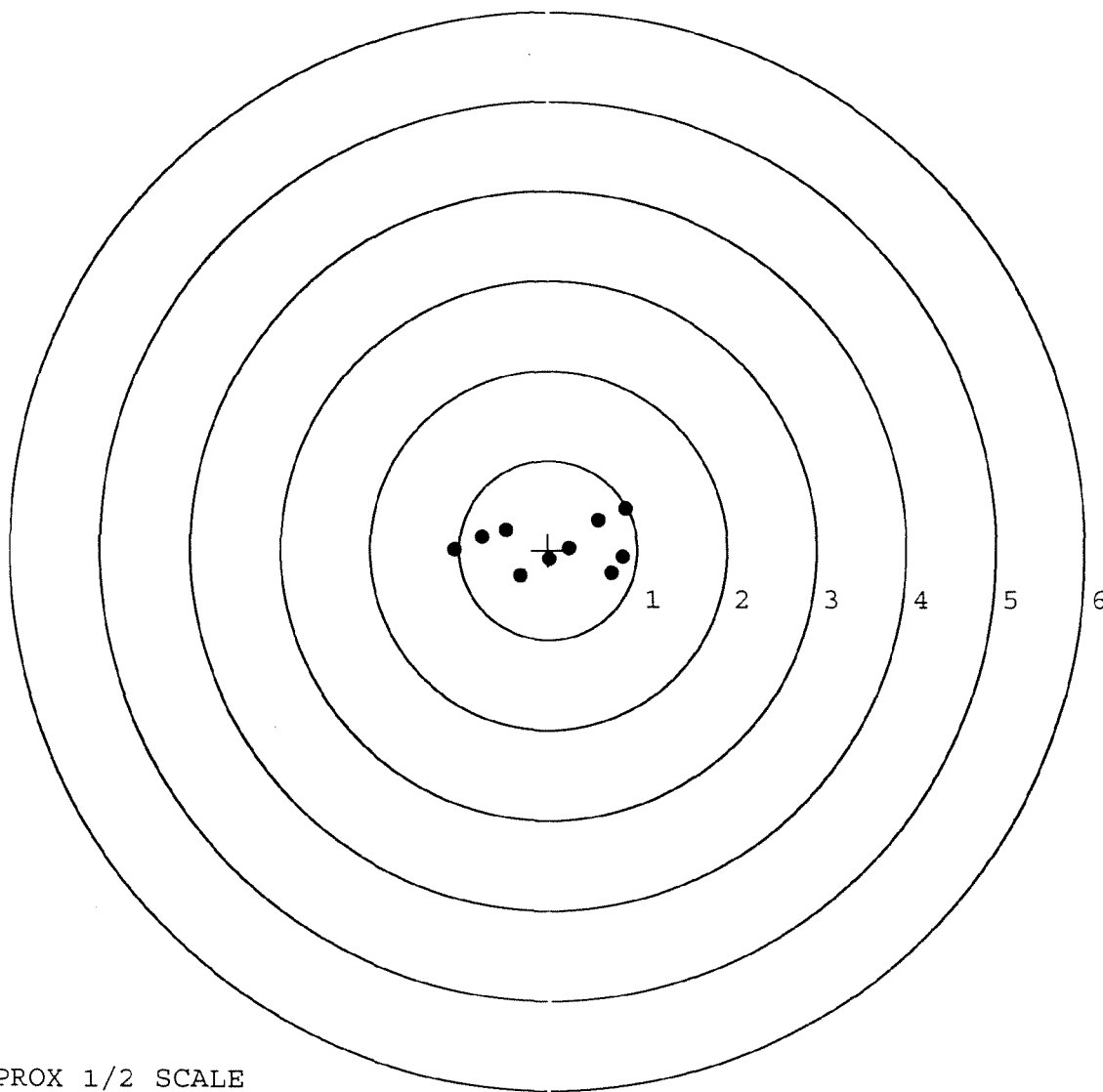
MAX RADIUS: 1.117

MEAN RADIUS: 0.630

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0055011

SERIAL NUMBER: G6848405. __0

TARGET NUMBER: 4

FILE DATE: 09/21/2009

FILE TIME: 08:06

POINT#	X	Y
1:	-0.019	0.864
2:	0.706	-0.857
3:	-0.879	-0.393
4:	-0.754	-0.133
5:	-0.331	0.146
6:	-0.007	0.019
7:	0.359	0.257
8:	0.373	-0.086
9:	0.362	-0.324
10:	0.326	-0.580

X CENTROID: 0.014

Y CENTROID: -0.109

POA TO CENTROID: 0.110

HORZ SPREAD: 1.585

VERT SPREAD: 1.721

GROUP SPREAD: 1.867

MIN RADIUS: 0.129

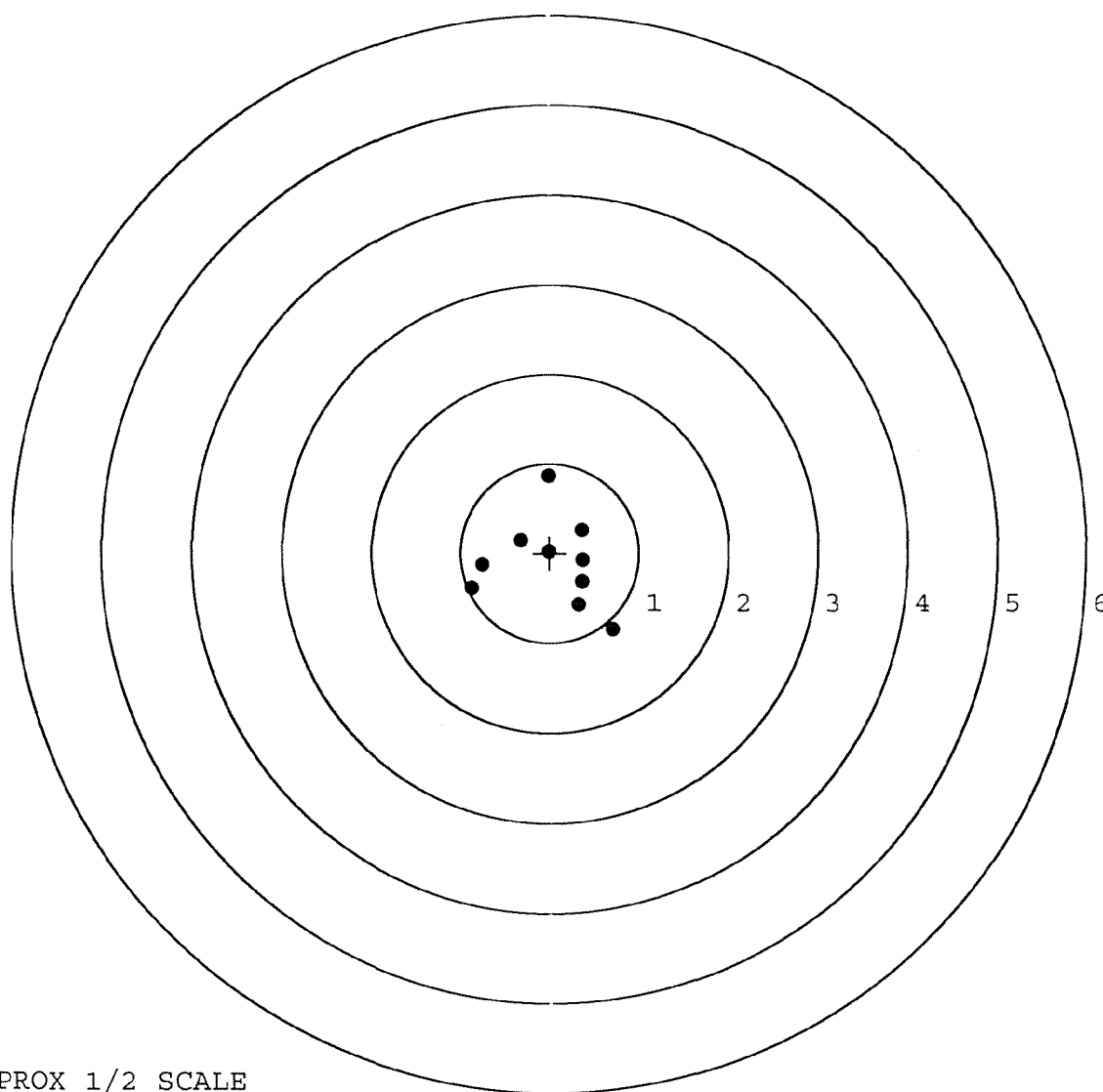
MAX RADIUS: 1.019

MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6848405. __0

TARGET NUMBER: 5

FILE DATE: 09/21/2009

FILE TIME: 08:06

POINT#	X	Y
1:	-0.756	-0.442
2:	-0.803	0.095
3:	-0.273	-0.016
4:	-0.025	-0.609
5:	0.180	-0.374
6:	0.335	-0.103
7:	0.843	0.273
8:	0.867	0.579
9:	0.361	0.497
10:	0.022	0.875

X CENTROID: 0.075

Y CENTROID: 0.077

POA TO CENTROID: 0.108

HORZ SPREAD: 1.670

VERT SPREAD: 1.484

GROUP SPREAD: 1.917

MIN RADIUS: 0.316

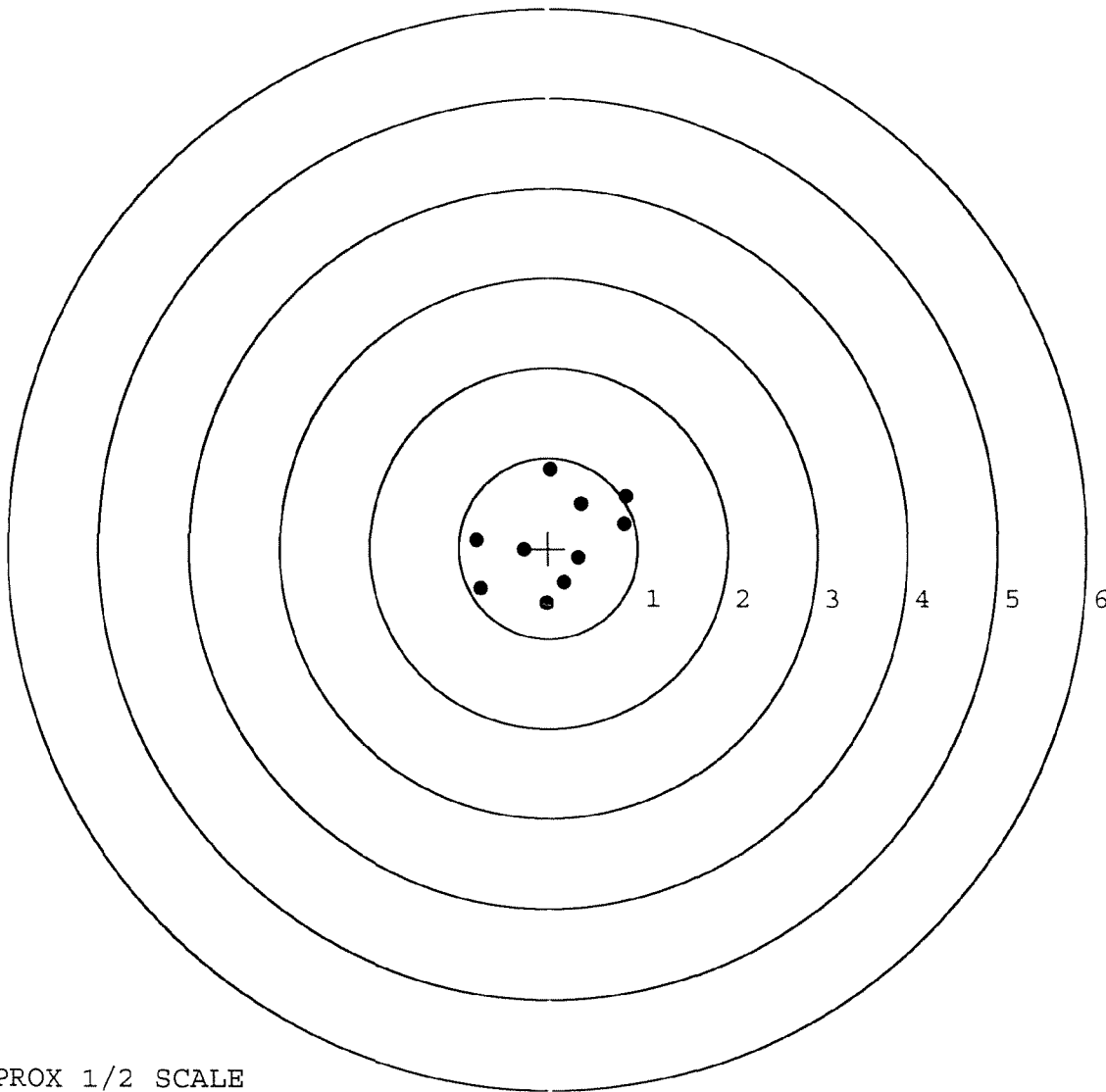
MAX RADIUS: 0.980

MEAN RADIUS: 0.673

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0055013

COMMENTS

ORDER
R 95-17765

INITIAL CUSTOMER ORDER NO.

JJM

WOG 2 OF 6 W/10X SCOPE DEPOLYMENT KIT

M-24 SNIPER

Scope S/N 89 0928

DATE RECEIVED

07/07/95

DATE OPENED

07/07/95

DATE CODE

EK 10-90

SERIAL NUMBER

C6523464

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

SOFT CASE

HARD CASE

SCOPE BASE

SLING STRAP

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

DEPT OF THE ARMY
USPFO FOR ALASKA - P O BOX B
CAMP DENALI
FT RICHARDSON AK 99505

DEPT OF THE ARMY
USPFO FOR ALASKA - P O BOX B
CAMP DENALI
FT RICHARDSON AK 99505

CUST NO: 122221 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

7-19-96

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

W/CLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

✓ NEW TRIGGER ASSY
Front & Rear Sight Assy

REPAIRMAN

TREP

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0055013 955052

PAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

0#+.50#

0#+.75#

0#+1.00#

SERIAL NO. C6523464DATE 7-19-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
JL #1	2.53	2.76	2.76		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
JL #2	2.62	2.83	2.71		
JL #3	2.59	2.84	2.79		
JL #4	2.56	2.83	2.79		
JL #5	2.65	2.89	2.89		
TOTAL	12.95	14.15	13.94		
VG.	2.59	2.83	2.78		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
JLL #1	3.15	3.04		
JLL #2	3.29	3.12		
JLL #3	3.26	3.00		
ULL #4	3.30	2.87		
ULL #5	3.07	3.01		
TOTAL	16.07	15.04		
VG.	3.21	3.00		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
ULL #1	4.04	4.15		4.32
ULL #2	4.07	3.92		4.32
ULL #3	4.00	4.18		4.34
PULL #4	4.05	4.12		4.14
PULL #5	4.09	4.12		4.35
TOTAL	20.25	20.49		21.47
VG.	4.05	4.09		4.29

#	BARBER - M24 0055015 OP. NAME	READINGS				DATE	INIT
5 nt.	F) Safety On Force	5	5	4.25		8/2	SF
	G) Safety Off Force	5	4.5	4.25		8/2	SF
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent	.021	.021	.0215		8/2	SF
	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						
0	Gallery Target & Test						
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
5	Inspect for Live Ammo						
5	Final Inspection A) Headspace						
	B) Trigger Pull	2.83	2.70	2.67	2.72	2.72	8/2 SF
	C) Function						
1	Pack						

CONTRACT # DAAA21-87-C-0086

GUN SERIAL

OP. #	OP. NAME	READINGS	DATE	INITIA
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			

Remington®
REG. U.S. PAT. & TM. OFF.

DUPONT

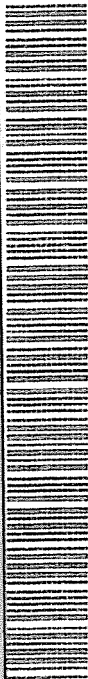
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
06523464

ORDER NO.
5716

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



5716 06523464

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523464

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	JS
600	Proof		10/1/90	JS
607	Check Headspace		10/1/90	JS
610	Dis-assemble Gun		10/1/90	JS
612	Magnaflux Barrel Action		10-3-90	KR
	Magnaflux Bolt		10-3-90	KR.
615	Rollmark Caliber		10-3-90	JS
617	Drill and Tap Sight Holes		10/4/90	WB
618	Polish Barrel <i>WB</i>		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JS
	Apply Coating (Bolt)			JS
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	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4			10/27/90	WCB
	G) Safety Off Force	2	2	2			10/27/90	WCB
	H) Trigger Pull Test & Retainability						10-27-90	DH
	I) Firing Pin Indent	.022	.022	.022			10/27/90	WCB
	J) Assemble Stock						10/27/90	Kd
	K) Assemble Swivel Studs						3/10/90	JSB
	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						3/10/90	JSB
	B) Trigger Pull	250	218	212	210	210	3/10/90	JSB
	C) Function						3/10/90	JSB
660	Pack						12/14/90	NF

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

SERIAL NO. C6523464DATE 10-27-90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.33	2.49	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.27	2.46	2.18	
PULL #3	2.37	2.40	2.47	2.12	
PULL #4	2.39	2.43	2.37	2.10	
PULL #5	2.38	2.27	2.40	2.10	
TOTAL	11.91	11.70	12.19		
AVG.	2.38	2.34	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.23		
PULL #2	3.37	3.33		
PULL #3	3.31	3.32		
PULL #4	3.32	3.38		
PULL #5	3.35	3.35		
TOTAL	16.73	16.61		
AVG.	3.34	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.00		4.16
PULL #2	4.10	4.10		4.18
PULL #3	4.07	4.06		4.19
PULL #4	4.12	4.08		4.16
PULL #5	4.09	4.06		4.19
TOTAL	20.53	20.30		20.88
AVG.	4.10	4.06		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523464
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.353345
1 TO	2	.26618
1 TO	3	.383627
1 TO	4	.25038
1 TO	5	.247524

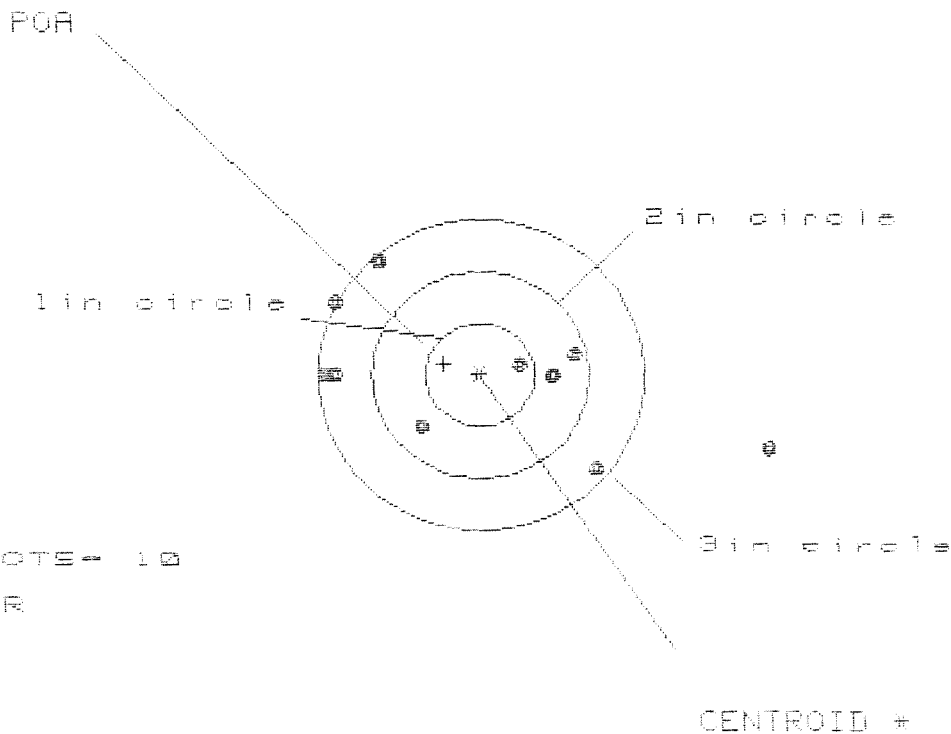
0.146679 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1448
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .146679
THE RMR FOR THIS RIFLE IS: .3816

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523464

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HE = 4.141

VB = 1.954

GS = 4.243

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.656	1.342	1.210
MINIMUM X	-1.485	-1.190	-1.322
MAXIMUM Y	1.080	1.000	1.072
MINIMUM Y	-0.874	-0.954	-0.882
CENTROID X	.338	.043	.175
CENTROID Y	-.103	-.023	-.095
POA TO CENTROID in.	.353	.048	.200
MIN RADIUS	.371	.615	.530
MEAN RADIUS	1.250	1.071	1.038
MAX RADIUS	2.751	1.647	1.497
HORIZONTAL SPREAD	4.141	2.532	2.532
VERTICAL SPREAD	1.954	1.954	1.954
EXTREME SPREAD	4.243	2.851	2.765
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65234B4

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 10

HE = 2.541

VE = 2.407

GE = 2.542

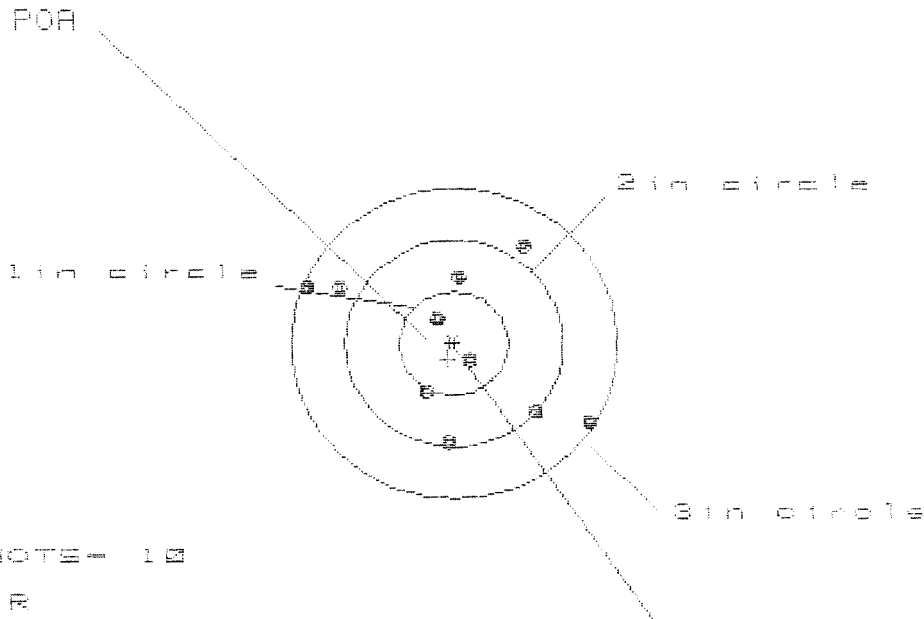
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	.921	.998
MINIMUM X	-1.458	-.791	-.714
MAXIMUM Y	1.215	1.201	1.326
MINIMUM Y	-1.192	-1.206	-1.081
CENTROID X	.074	.236	.159
CENTROID Y	-.069	-.055	-.100
POR TO CENTROID in.	.101	.243	.240
MIN RADIUS	.336	.371	.459
MEAN RADIUS	1.001	.947	.913
MAX RADIUS	1.464	1.245	1.347
HORIZONTAL SPREAD	2.541	1.712	1.712
VERTICAL SPREAD	2.407	2.407	2.407
EXTREME SPREAD	2.542	2.407	2.407
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523464

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.530

VS = 1.871

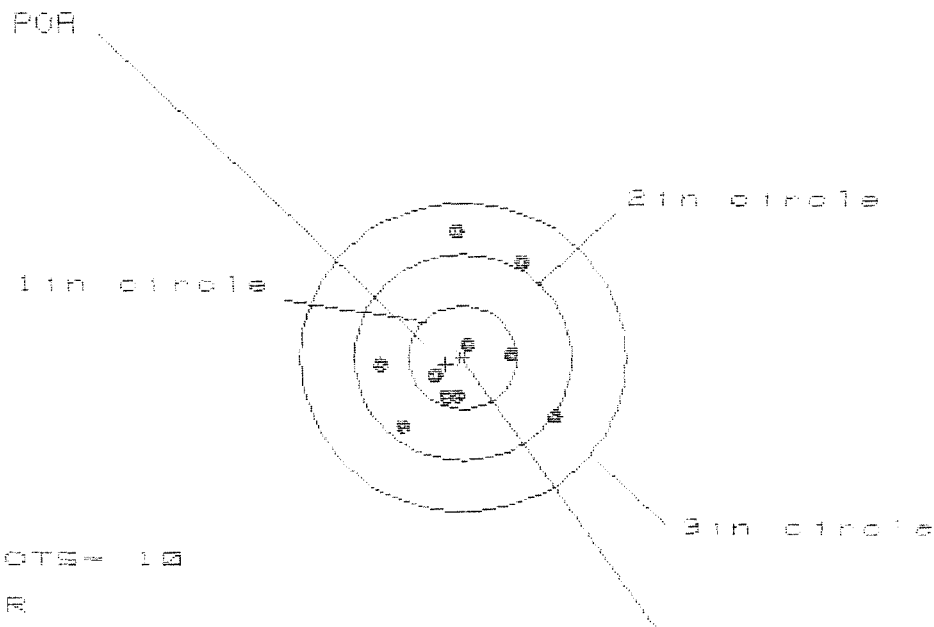
GS = 2.843

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.204
MINIMUM X	-1.326
MAXIMUM Y	.951
MINIMUM Y	-.920
CENTROID X	.055
CENTROID Y	.156
POA TO CENTROID in.	.165
MIN RADIUS	.234
MEAN RADIUS	.869
MAX RADIUS	1.431
HORIZONTAL SPREAD	2.530
VERTICAL SPREAD	1.871
EXTREME SPREAD	2.843
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

30 Oct 1988

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 5

2in = 7

3in = 10

HS = 1.665

VS = 1.905

CS = 1.978

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.869	.864	.927
MINIMUM X	:	-.796	-.801	-.738
MAXIMUM Y	:	1.208	1.068	.978
MINIMUM Y	:	-.697	-.562	-.429
CENTROID X	:	.157	.162	.099
CENTROID Y	:	.070	-.064	-.197
POR TO CENTROID in.	:	.172	.174	.221
MIN RADIUS	:	.119	.234	.130
MEAN RADIUS	:	.667	.585	.480
MAX RADIUS	:	1.209	1.182	.964
HORIZONTAL SPREAD	:	1.665	1.665	1.665
VERTICAL SPREAD	:	1.905	1.630	.807
EXTREME SPREAD	:	1.978	1.961	1.719
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Oct 1998

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CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 1.707

VS= 2.033

GS= 2.210

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.884	.958	.988
MINIMUM X	-.823	-.749	-.719
MAXIMUM Y	1.109	1.006	.824
MINIMUM Y	-.924	-.506	-.388
CENTROID X	.100	.026	-.004
CENTROID Y	-.171	-.068	-.194
POR TO CENTROID in.	.198	.073	.194
MIN RADIUS	.023	.106	.130
MEAN RADIUS	.621	.576	.501
MAX RADIUS	1.136	1.035	1.030
HORIZONTAL SPREAD	1.707	1.707	1.707
VERTICAL SPREAD	2.033	1.512	1.214
EXTREME SPREAD	2.210	1.919	1.919
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		