

C6522302

MODEL 700™ M24

Model 545™

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: RE00147452

Serial: C6522302 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/9/2008 12:37:42 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 4/4 ID ATTN: POST ARMS ROOM

4/4 ID ATTN: POST ARMS ROOM

Address 1: POC: BARRY COKER CENT RECEIVING POINT

POC: BARRY COKER CENT RECEIVING POINT

Address 2: 4885 CHILES AVENUE

PO Box:

4885 CHILES AVENUE

PO Box:

City: FT CARSON

FT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

Country: US

FFL:

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
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A045	Bi Pod	1
D00C	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

7/9/2008

3:37 PM

CAPS

NUM

INS

SCRL

Number: C6522302

Model: M24 SWS



RE00147452

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

R & E NUMBER 147452
SERIAL NUMBER C6522302
LOG-IN DATE 6-9-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE			
600	DIS-ASSEMBLE GUN	Clean + Inspect	7-7-08	RTZ
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	PASS FAIL	7/10/08	MED
650	TARGET	PASS FAIL	7/17/08	MED
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-17-08	TRW
	A) HEADSPACE	PASS FAIL	7/18/08	Fm
	B) TRIGGER PULL		7/18/08	Fm
		4.5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3.5 3.5 4	7/18/08 Fm
	G) SAFETY OFF FORCE	2 LBS MAX	2.5 2.5 2.5	7/18/08 Fm
	I) FIRING PIN INDENT	.020	.022 .022 .021	7/18/08 Fm
690	PACK			

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: **RE00108326** Serial: C6522302 Model M24 SWS Center Fire
 Verify Repair: **High Priority** Caliber: 7.62 NATO Repairman:
 Status: Closed 2/13/2006 2:28:23 PM

Address Information

Customer: ☒ Received From Return To: ☒ Received From
 Name: **B CO 2 BSB SHOP OFFICE** **B CO 2 BSB SHOP OFFICE**
 Address 1: **2D BDE 21.D** **2D BDE 21.D**
 Address 2: PO Box: PO Box:
 City: **FORT CARSON** **FORT CARSON**
 State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**
 FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **719.524.5365**
 Fax:
 Email:
 Comments:

Received Condition: Fair
 Condition Notes:
 CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
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

naglet 2/13/2006 3:19 PM CAPS NUM INS SCRL

start Inbox - Mi... Arms Serv... 3 Intern... Part Searc... Microsoft... 3:19 PM

Serial Number: **C6522302**
 Model: **M24 SWS**

RE00108326

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER <i>WJJEAD</i>	1b. CUSTOMER UNIT NAME <i>Bco 2B56</i>	1c. PHONE NO <i>719 524 1729</i>	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-1/TDA		2b. UTILIZATION CODE	2c. MCSR		4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL <i>M24</i>			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751			
9. NOUN <i>R. Flt 762</i>			16. MILES/KILOMETERS/HOURS/ROUNDS M K			
10a. ORG WON/DOC NO <i>WJJEAD</i>			16. MILES/KILOMETERS/HOURS/ROUNDS H R			
11. SERIAL NUMBER <i>6522302</i>		12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
				22. LEVEL OF WORK		
				23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)						
25. REMARKS <i>upgrade A2</i>						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-1/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.		
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.						
SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.						
34a. SUBMITTED BY 35a. ACCEPTED BY 35c. DATE				Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.		
34b. DATE 35b. STATUS 35d. TIME						

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522302.___0
FILE DATE AND TIME: 04/24/2006 16:32

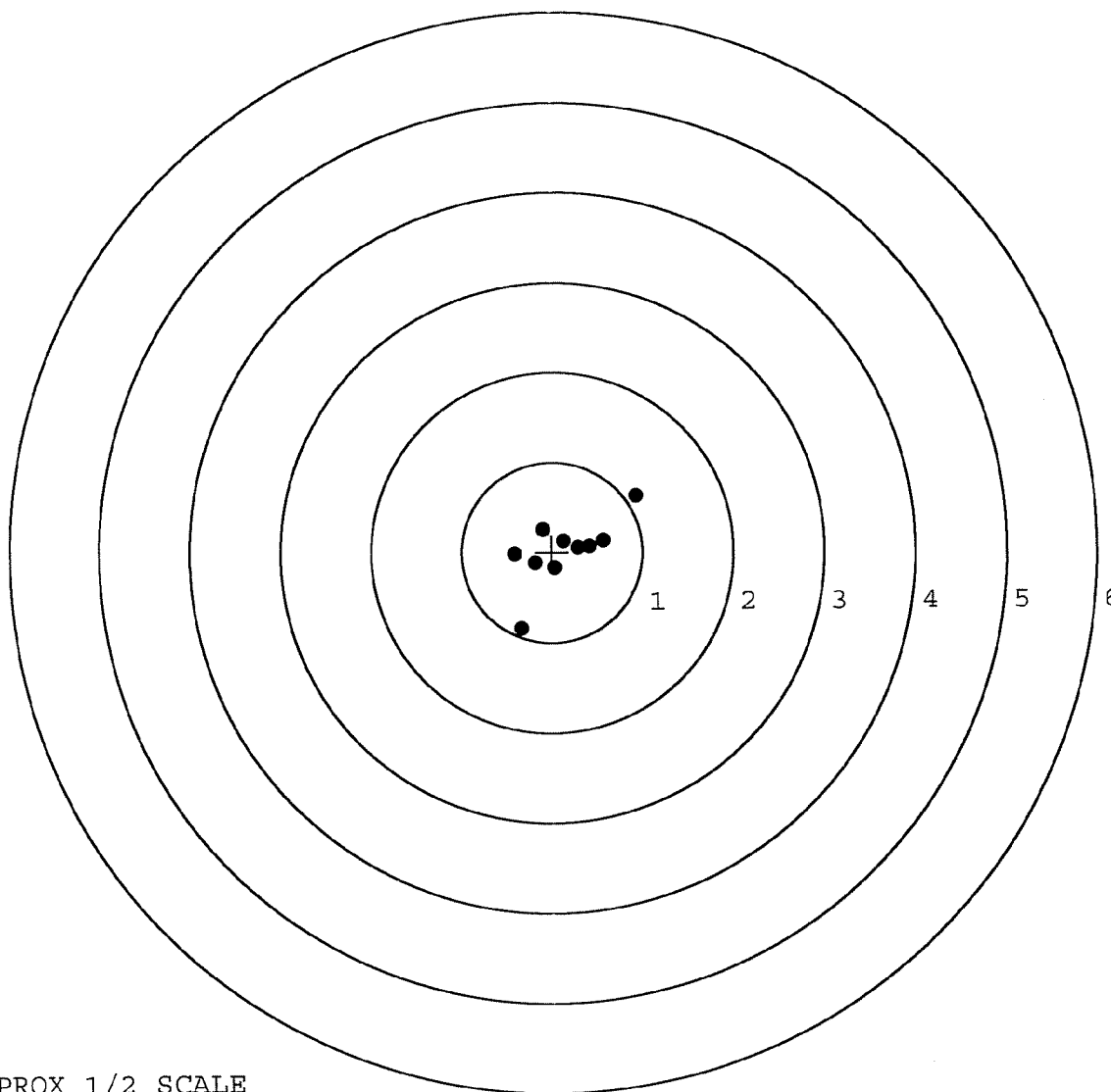
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.002
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.666
The Distance from POA to Centroid Target #1:	0.131
The Distance from Centroid Target #2 to Centroid Target #1:	0.527
The Distance from Centroid Target #3 to Centroid Target #1:	0.026
The Distance from Centroid Target #4 to Centroid Target #1:	0.160
The Distance from Centroid Target #5 to Centroid Target #1:	0.205

SERIAL NUMBER: C6522302. __0
TARGET NUMBER: 1
FILE DATE: 04/24/2006
FILE TIME: 16:32

POINT#	X	Y
1:	0.032	-0.179
2:	-0.192	-0.124
3:	-0.419	-0.026
4:	-0.345	-0.849
5:	0.130	0.126
6:	0.291	0.053
7:	0.419	0.065
8:	0.567	0.130
9:	0.931	0.626
10:	-0.106	0.248

X CENTROID: 0.131
Y CENTROID: 0.007
POA TO CENTROID: 0.131
HORZ SPREAD: 1.350
VERT SPREAD: 1.475
GROUP SPREAD: 1.950
MIN RADIUS: 0.119
MAX RADIUS: 1.012
MEAN RADIUS: 0.447
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

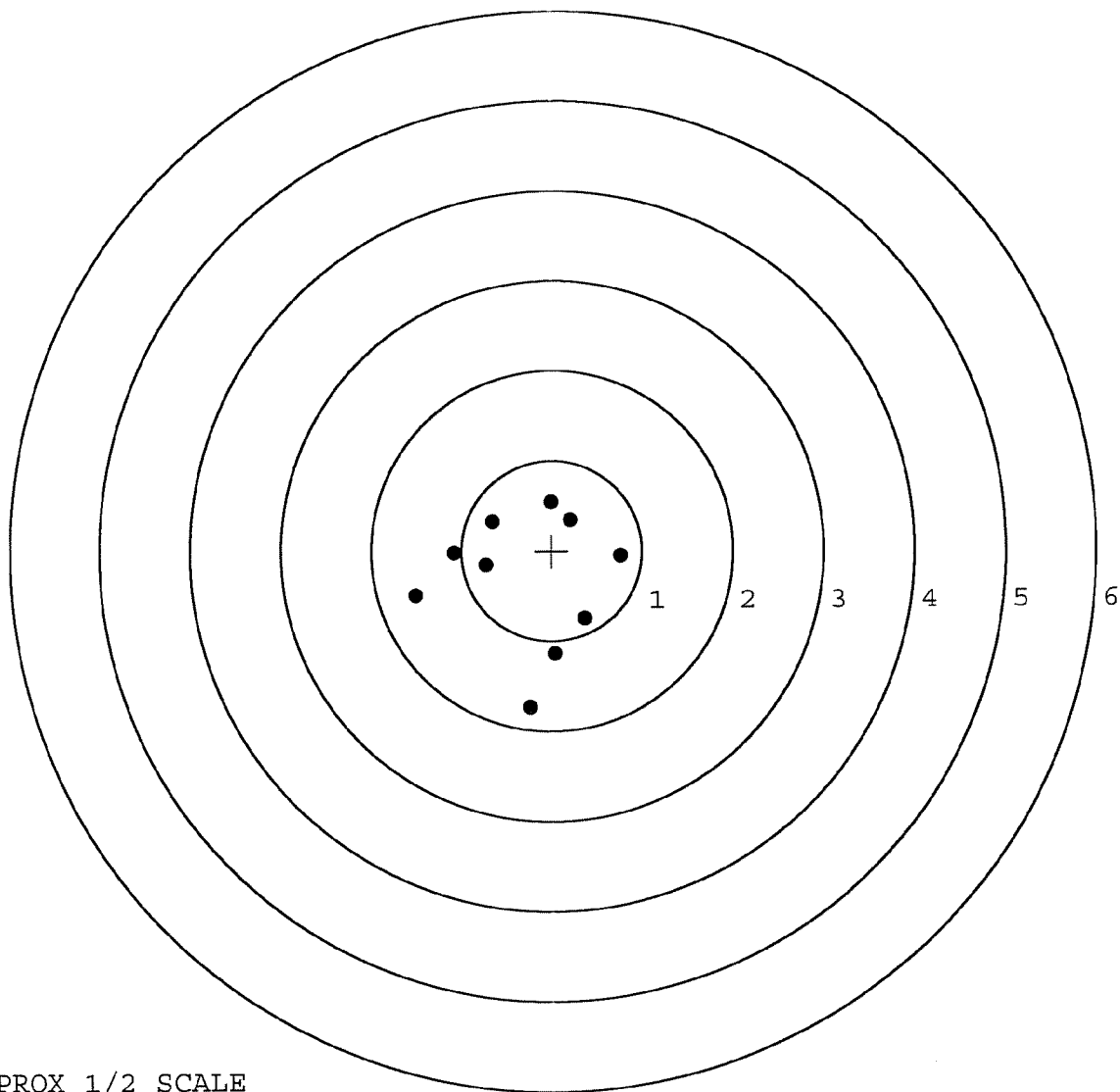


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522302. __0
TARGET NUMBER: 2
FILE DATE: 04/24/2006
FILE TIME: 16:32

POINT#	X	Y
1:	-0.012	0.541
2:	0.212	0.344
3:	0.765	-0.057
4:	0.372	-0.755
5:	0.034	-1.149
6:	-0.245	-1.740
7:	-1.513	-0.495
8:	-1.082	-0.025
9:	-0.727	-0.158
10:	-0.655	0.329

X CENTROID: -0.285
Y CENTROID: -0.317
POA TO CENTROID: 0.426
HORZ SPREAD: 2.278
VERT SPREAD: 2.281
GROUP SPREAD: 2.293
MIN RADIUS: 0.469
MAX RADIUS: 1.424
MEAN RADIUS: 0.922
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

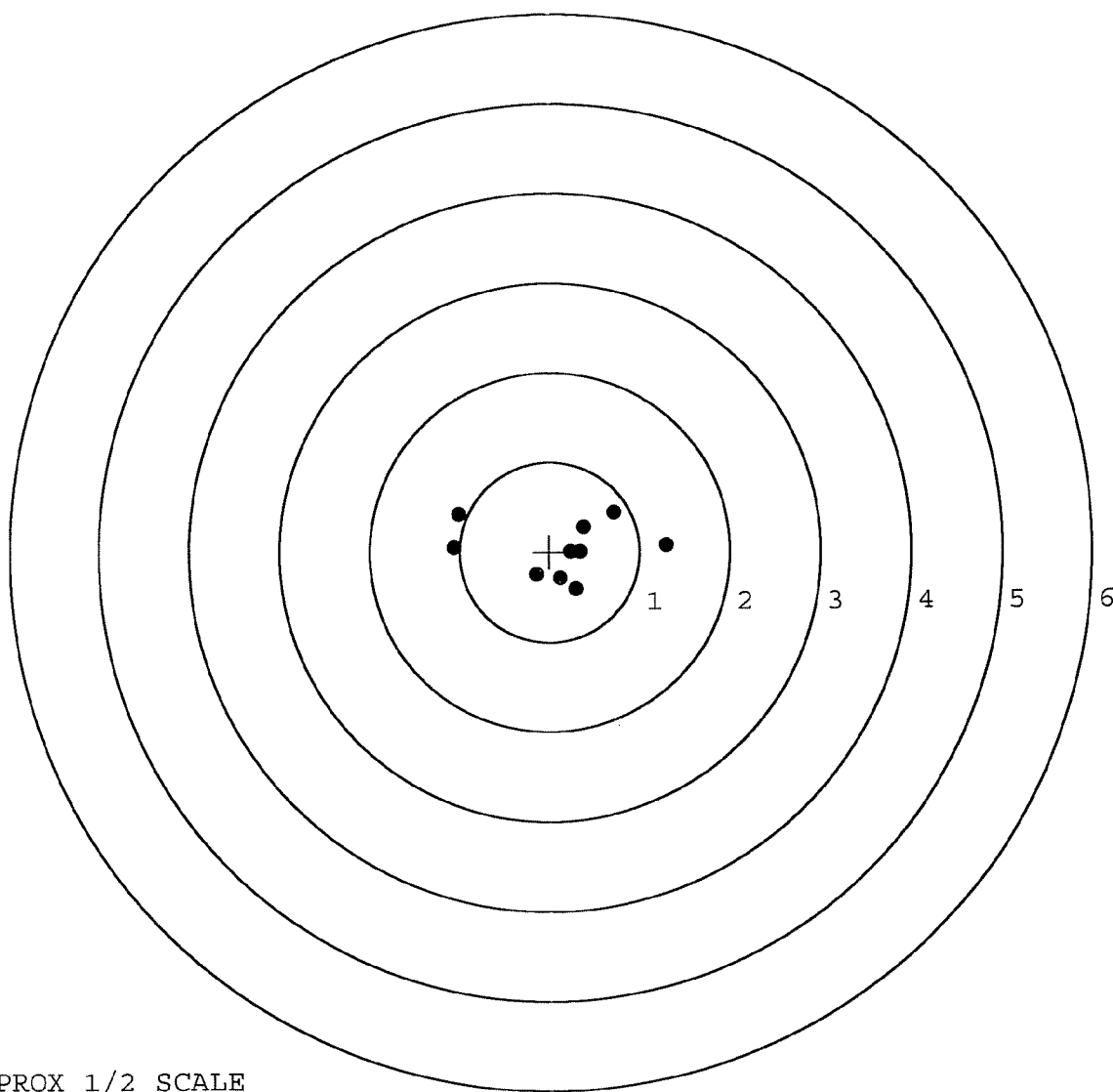


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522302.___0
TARGET NUMBER: 3
FILE DATE: 04/24/2006
FILE TIME: 16:32

X CENTROID: 0.117
Y CENTROID: 0.029
POA TO CENTROID: 0.120
HORZ SPREAD: 2.364
VERT SPREAD: 0.852
GROUP SPREAD: 2.338
MIN RADIUS: 0.126
MAX RADIUS: 1.195
MEAN RADIUS: 0.620
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.153	-0.258
2:	0.123	-0.296
3:	0.294	-0.415
4:	0.344	0.002
5:	0.381	0.277
6:	0.716	0.437
7:	1.299	0.070
8:	-1.012	0.423
9:	-1.065	0.052
10:	0.239	-0.002

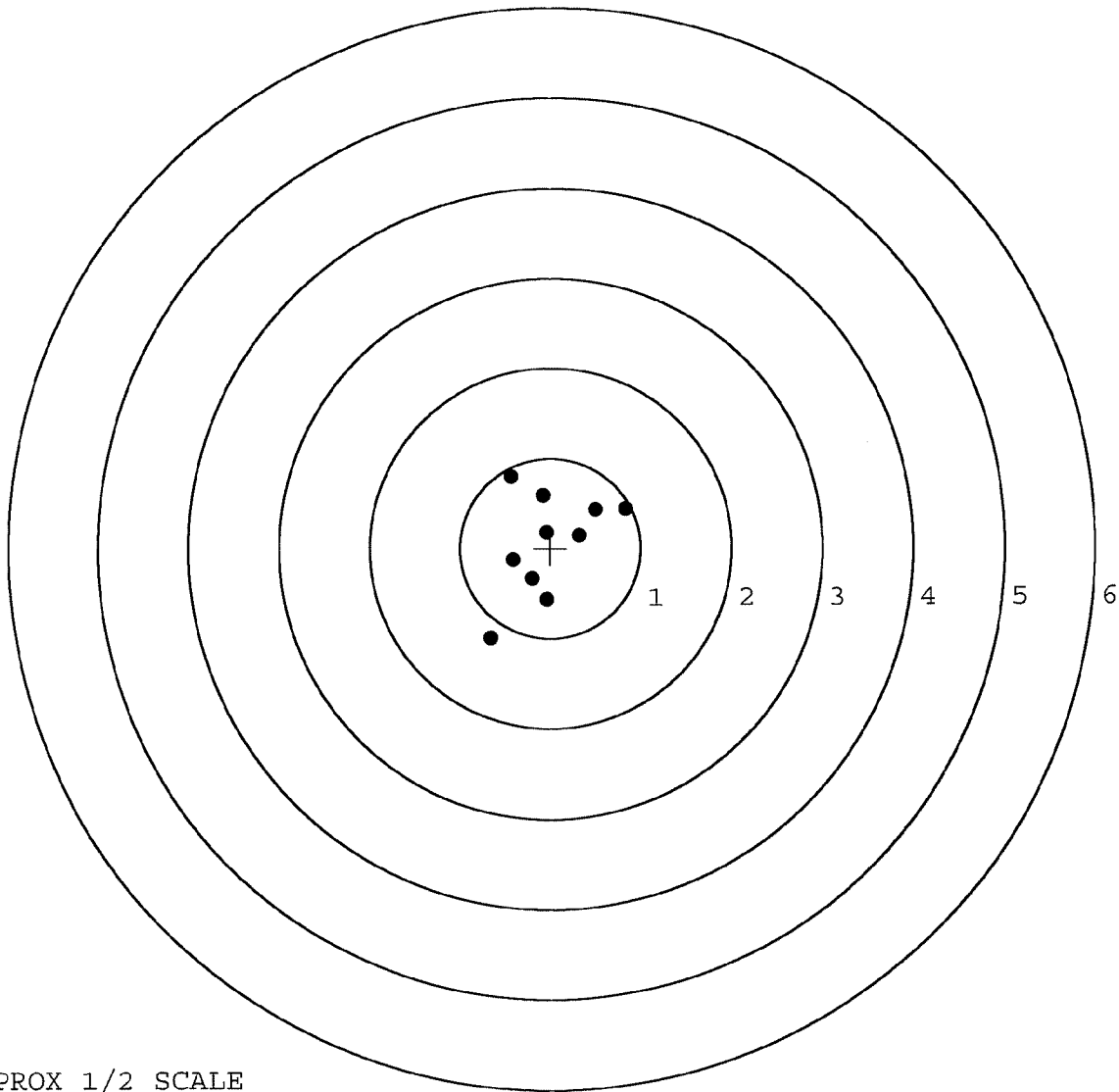


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522302.___0
TARGET NUMBER: 4
FILE DATE: 04/24/2006
FILE TIME: 16:32

X CENTROID: -0.023
Y CENTROID: 0.052
POA TO CENTROID: 0.057
HORZ SPREAD: 1.499
VERT SPREAD: 1.803
GROUP SPREAD: 2.077
MIN RADIUS: 0.128
MAX RADIUS: 1.234
MEAN RADIUS: 0.621
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.438	0.799
2:	-0.084	0.593
3:	0.322	0.144
4:	0.502	0.427
5:	0.838	0.434
6:	-0.043	-0.577
7:	-0.205	-0.341
8:	-0.419	-0.135
9:	-0.661	-1.004
10:	-0.040	0.179



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522302. __0

TARGET NUMBER: 5

FILE DATE: 04/24/2006

FILE TIME: 16:32

X CENTROID: 0.050

Y CENTROID: -0.181

POA TO CENTROID: 0.188

HORZ SPREAD: 2.037

VERT SPREAD: 1.706

GROUP SPREAD: 2.520

MIN RADIUS: 0.267

MAX RADIUS: 1.467

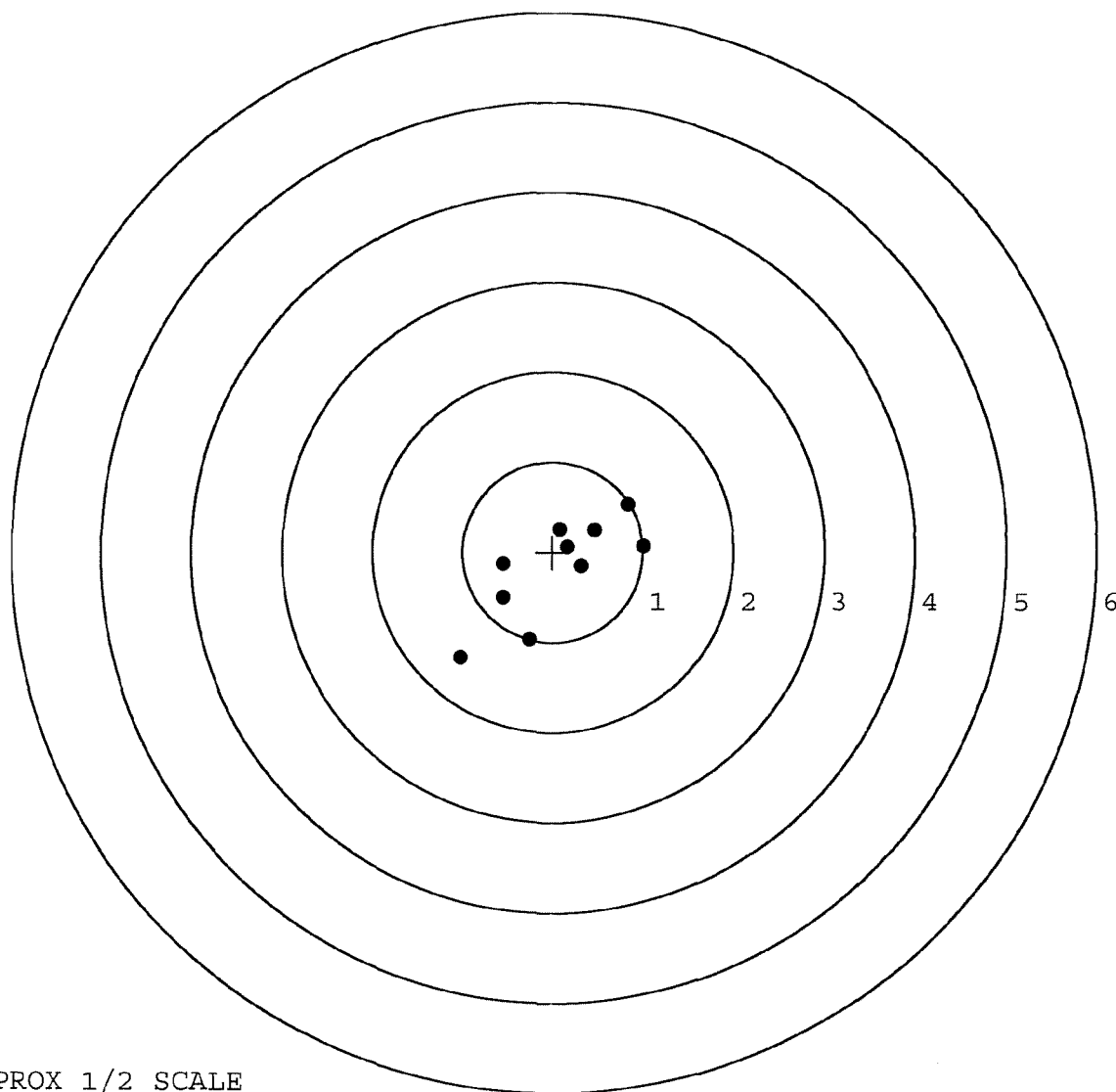
MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.552	-0.135
2:	-0.547	-0.508
3:	-0.260	-0.979
4:	-1.025	-1.180
5:	0.079	0.253
6:	0.167	0.058
7:	0.326	-0.155
8:	0.465	0.241
9:	1.012	0.066
10:	0.830	0.526



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
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 4-19-06

TESTER R.R.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	253	243		259	
PULL #2	247	258		257	
PULL #3	248	254		256	
PULL #4	252	254		244	
PULL #5	247	252		247	
TOTAL	1247	1261		1263	
AVERAGE	249	252		252	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	321	328		
PULL #2	324	319		
PULL #3	313	326		
PULL #4	322	319		
PULL #5	311	323		
TOTAL	1591	1615		
AVERAGE	318	323		

	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	417	426		420
PULL #2	419	422		419
PULL #3	413	425		417
PULL #4	408	414		406
PULL #5	421	402		394
TOTAL	2078	2089		2056
AVERAGE	415	417		411

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

5040

R & E NUMBER	108326			
SERIAL NUMBER	06522302			
LOG-IN DATE	2-13-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-15-06	RTZ
505	RE-BARREL		2-13-06	RTZ
510	ASSEMBLE		2-17-06	RTZ
510	PROOF	MAGNA-FLUX	4-19-06	RTZ
505	CHECK HEADSPACE	INSPECTED	4-19-06	RTZ
510	DIS-ASSEMBLE GUN	APR 20 2006	4-19-06	RTZ
512	MAGNAFLUX	OPERATOR APD	4-20-06	APD
510	DRILL AND TAP	N/A	4-20-06 TRW	CW
515	ROLLMARK CALIBER		4-20-06	LB
516	ROTO-BLAST		4-21-06	HP
520	APPLY COATINGS			
525	FINAL ASSEMBLY			
540	FUNCTION TEST AND	PASS	4-24-06	MTM
550	TARGET	PASS	4-24-06	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
570	FINAL INSPECTION		4-25-06	TRW
	A) HEADSPACE	PASS	4-25-06	RTZ
	B) TRIGGER PULL	±.5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.10 2.15 2.20 2.25 2.25 4-25-06	TRW
580	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6.0 5.5 5.5 4-25-06	TRW
	G) SAFETY OFF FORCE	2 LBS	2.75 2.5 2.5 4-25-06	TRW
590	I) FIRING PIN INDENT	.020	.022 .022 .023 4-25-06	TRW
	PACK		4-25-06	APD

Remington
 MODEL 700™ H24

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

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

SERIAL NO.
 C6522302

ORDER NO.
 5716

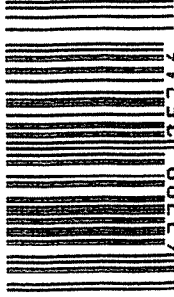
01

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



5716 C6522302

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522302

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/90	K.S.
600	Proof		6/27/90	K.S.
607	Check Headspace		6/27/90	K.S.
610	Dis-assemble Gun		6/27/90	K.S.
612	Magnaflux Barrel Action		7/10/90	K.R.
	Magnaflux Bolt		7/10/90	K.R.
615	Rollmark Caliber		7/10/90	G.S.
617	Drill and Tap Sight Holes		7/14/90	W.B.
618	Polish Barrel <i>RB</i>		7/13/90	W.B.
620	Apply Coatings (Barrel Action)		7-23-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/90	KS
	C) Inspect Ejector Hole for Chamfer		8/7/90	KS
	D) Oil Firing Pin Ass'y		8/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-6-90	JA

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	8/6/90	JK
	G) Safety Off Force	2	2	2	8/6/90	JK
	H) Trigger Pull Test & Retainability				9-6-90	JK
	I) Firing Pin Indent	.021	.0215	.0215	8/6/90	JK
	J) Assemble Stock				8/8/90	KS
	K) Assemble Swivel Studs				9/8/90	KS
	L) Attach Front and Rear Sight Assemblies				8/8/90	KS
	M) Iron Sight Alignment				8/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container				8/8/90	KS
	O) Attach Scope to Rifle				8/8/90	KS
	P) Detach & Attach Scope 20 Times				8/8/90	KS
640	Gallery Target & Test				8/8/90	KJ
	A) Time					K2
	B) Malfunctions					K2
	C) Pierced Primers					K2
	D) Optical Clarity of Scope					K2
645	Inspect for Live Ammo				8-9-90	K2
655	Final Inspection					
	A) Headspace				9/8/90	JK
	B) Trigger Pull	2.27	2.32	2.22	9-6-90	JK
	C) Function				9/8/90	JK
660	Pack				9/9/90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C6522302
DATE 9-6-90
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.28	2.28	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.21	2.32	2.32	
PULL #3	2.32	2.44	2.47	2.22	
PULL #4	2.29	2.44	2.39	2.23	
PULL #5	2.22	2.24	2.24	2.22	
TOTAL	11.44	11.61	11.70	11.26	
AVG.	2.288	2.322	2.34	2.252	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.30		
PULL #2	3.34	3.38		
PULL #3	3.33	3.38		
PULL #4	3.42	3.32		
PULL #5	3.18	3.32		
TOTAL	16.60	16.70		
AVG.	3.32	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.27		4.31
PULL #2	4.13	4.19		4.14
PULL #3	4.28	4.27		4.18
PULL #4	4.14	4.12		4.20
PULL #5	4.25	4.23		4.18
TOTAL	21.03	21.08		20.93
AVG.	4.206	4.216		4.186

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522302
9 Aug 1990

CENTROIDAL DISTANCES

0 TO 1	.229856
1 TO 2	.471272
1 TO 3	.303908
1 TO 4	.546341
1 TO 5	.244675

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0194
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0774
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0797942
THE AMR FOR THIS RIFLE IS: .833

9 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522302

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS= 2.525

VS= 2.378

GS= 2.529

CENTROID #

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X 1.197

1.303

1.150

MINIMUM X -1.328

-1.222

-1.059

MAXIMUM Y 1.238

1.131

1.134

MINIMUM Y -1.139

-1.247

-1.244

CENTROID X .047

-.059

.094

CENTROID Y -.225

-.118

-.121

POA TO CENTROID in. .230

.132

.153

MIN RADIUS .274

.124

.246

MEAN RADIUS .957

.890

.854

MAX RADIUS 1.357

1.330

1.282

HORIZONTAL SPREAD 2.525

2.525

2.209

VERTICAL SPREAD 2.378

2.378

2.378

EXTREME SPREAD 2.529

2.528

2.379

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

10

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CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.822

VS= 1.675

CS= 2.098

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X .916

.912

.676

MINIMUM X -.905

-.910

-.796

MAXIMUM Y .725

.587

.646

MINIMUM Y -1.250

-1.085

-1.026

CENTROID X -.072

-.068

-.102

CENTROID Y .231

.369

.310

POA TO CENTROID in. .242

.376

.359

MIN RADIUS .291

.329

.200

MEAN RADIUS .815

.744

.687

MAX RADIUS 1.250

1.222

1.228

HORIZONTAL SPREAD 1.822

1.822

1.472

VERTICAL SPREAD 1.975

1.672

1.672

EXTREME SPREAD 2.098

1.886

1.823

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

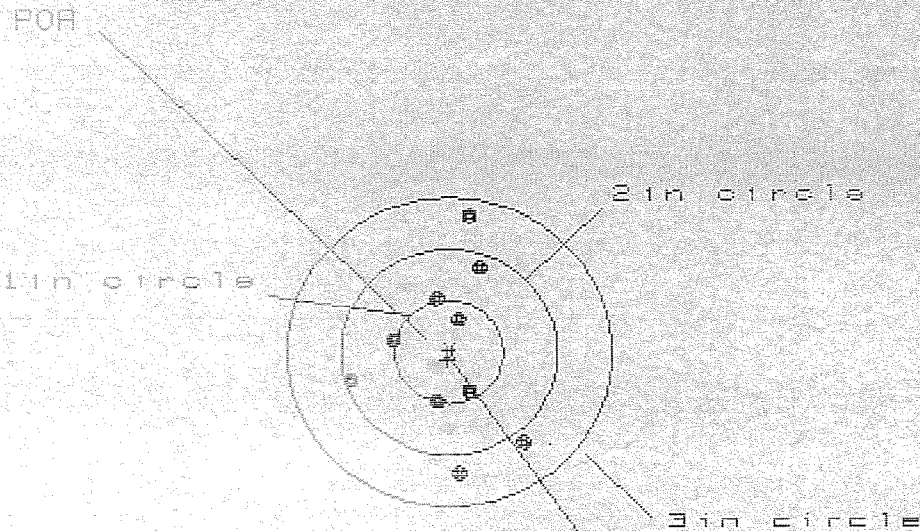
NUMBER IN THREE INCH CIRCLE =

10

9 Aug 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.576

VS= 2.466

GS= 2.470

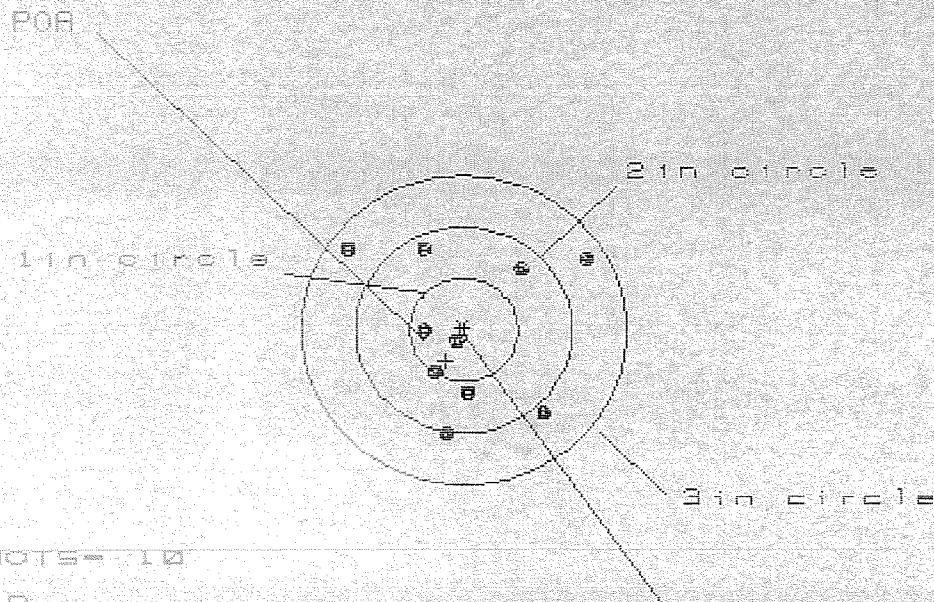
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.690	.714	.445
MINIMUM X	:	-.886	-.862	-.773
MAXIMUM Y	:	1.319	.939	.842
MINIMUM Y	:	-1.147	-1.000	-1.098
CENTROID X	:	.013	-.011	-.100
CENTROID Y	:	.077	-.070	.027
POA TO CENTROID in.	:	.078	.071	.104
MIN RADIUS	:	.388	.310	.396
MEAN RADIUS	:	.787	.716	.665
MAX RADIUS	:	1.337	1.056	1.114
HORIZONTAL SPREAD	:	1.576	1.576	1.218
VERTICAL SPREAD	:	2.466	1.939	1.939
EXTREME SPREAD	:	2.470	1.956	1.956
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.204

VS= 1.768

GS= 2.356

CENTROID #

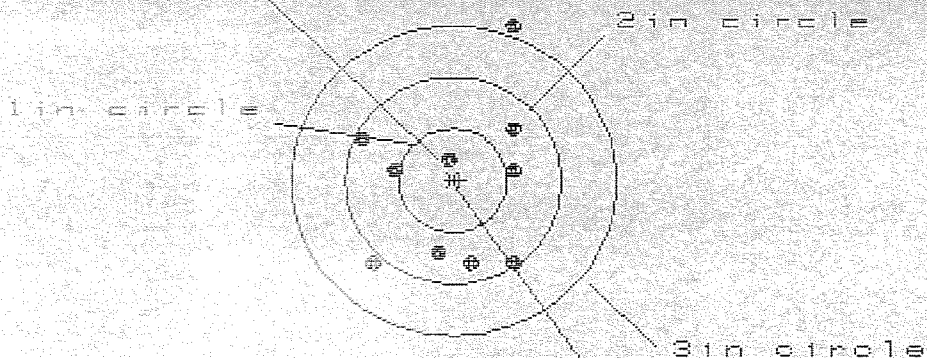
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	.842	.723
MINIMUM X	-1.075	-.949	-.395
MAXIMUM Y	.799	.877	.980
MINIMUM Y	-.969	-.891	-.788
CENTROID X	.167	.041	.160
CENTROID Y	.308	.230	.127
POA TO CENTROID in.	.350	.233	.204
MIN RADIUS	.116	.048	.118
MEAN RADIUS	.793	.696	.625
MAX RADIUS	1.332	1.255	1.057
HORIZONTAL SPREAD	2.204	1.791	1.118
VERTICAL SPREAD	1.768	1.768	1.768
EXTREME SPREAD	2.356	2.356	1.941
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

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 1.409

VS= 2.270

GS= 2.578

CENTROID #

PATTERN #

SHOTS (BEST OF)

10

9

8

MAXIMUM X	.572	.602	.546
MINIMUM X	-.837	-.777	-.863
MAXIMUM Y	1.474	.716	.642
MINIMUM Y	-.796	-.633	-.707
CENTROID X	-.058	-.118	-.032
CENTROID Y	-.004	-.167	-.093
POA TO CENTROID in.	.058	.205	.098
MIN RADIUS	.239	.396	.331
MEAN RADIUS	.813	.720	.687
MAX RADIUS	1.568	.990	1.017
HORIZONTAL SPREAD	1.409	1.409	1.409
VERTICAL SPREAD	2.270	1.349	1.349
EXTREME SPREAD	2.578	1.863	1.806
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	